The
CHEMIST AND DRUGGIST
RETAILER — WHOLESALER — MANUFACTURER
AUGUST 27, 1949

B&S&Co. LTD.

ONE WORLD

From all parts of the world to all parts of the world, the Biddle Sawyer network buys and sells not only the raw materials of the pharmaceutical and chemical industry but also the finished products.

BIDDLE, SAWYER & CO. LTD.
4 GRAFTON ST., LONDON, W.1
Tel.: REGent 0521. Telegrams: Bidsawya, Piccy, London. Cables: Bidsawya, London.
PARIS · NEW YORK · BOMBAY · BUENOS AIRES
RIO DE JANEIRO · JOHANNESBURG
Associated companies and offices throughout the world.

Index to Advertisers pp. 5 & 6

Have the WRIGHT answer ready!

Your customers need no longer be deprived of their **WRIGHT'S.** Easing of controls now gives you the freedom to stock the soap they prefer.

Powerful national advertising is constantly putting over the Wright idea to a public anxious to obtain the finest value in toilet soap.

Specify **WRIGHT'S** on your S.P. forms, and be sure to order sufficient to satisfy all demands.

IDEAL FOR TOILET AND NURSERY

Wright's Coal Tar Soap

WRIGHT LAYMAN AND UMNEY LTD., SOUTHWARK, LONDON, S.E.I. HOP 402

Variety

Quality

Reliability

Availability

Monsanto

Germicides

Cresantol 3 ®

A mixture of benzyl cresols. A pale clear straw-coloured fluid, almost odourless. A first-class base for lightly coloured and delicately perfumed antiseptic fluids. R.W. co-efficient 105 when suitably formulated

P. C. M. C.
(Chlorocresol B.P.)
A supplementary germicide particularly useful with Cresantol 3. An efficient fungicide which has extensive use as a preservative for pharmaceutical preparations. R.W. co-efficient 26 when suitably formulated. Small white or transparent crystals

Cresantol 15
Mixed chlorinated xylenols. The standard raw material used in manufacture of antiseptic and disinfectant fluids proved over a number of years. R.W. co-efficient 65 when suitably formulated. A clear brown liquid with a characteristic odour

P. C. M. X.
(Chloroxylenol B.P.)
R.W. co-efficient 65 when suitably formulated. Small white crystals. Odourless. Supplies are very much restricted for the present

For further information on the most suitable application of Monsanto Germicides, write to Sales Dept.

NSANTO CHEMICALS LIMITED, VICTORIA STATION HOUSE, LONDON, S.W.1

IMPORTANT TO RETAIL PHARMACISTS

It is, and has always been, the policy of the House of Meggeson to reserve Meggeson Bismuth Dyspepsia Tablets for sale to the public by Qualified Chemis only. Thanks to the co-operation of Retail Pharmacists in every part of tl Kingdom, this therapeutically sound preparation is well on the way to becomi the leading indigestion relief. As public demand for it increases further, so w its importance to Qualified Chemists. It shows a good margin of profit and c be liberally displayed with advantage. **SMALL SIZE 1/9, LARGE SIZE 4/6.**

A PHARMACEUTICAL PRODUCT OF THE HOUSE O

MEGGESON

THE NAME BEHIND THE CHEMIST CF FOR OVER A CENTURY AND A HA

MEGGESON & CO., LTD., LONDON, S

An outstanding advance
n the therapy of refractory macrocytic anaemia

HEPAMINO

A proteolysed whole liver preparation in granular form for oral use

Hepamino contains the haemopoietic factors (including folic acid) essential amino acids and water-soluble members of the vitamin B complex derived from raw liver. It is indicated for the treatment of all macrocytic anaemias (including refractory types) and nutritional deficiencies.

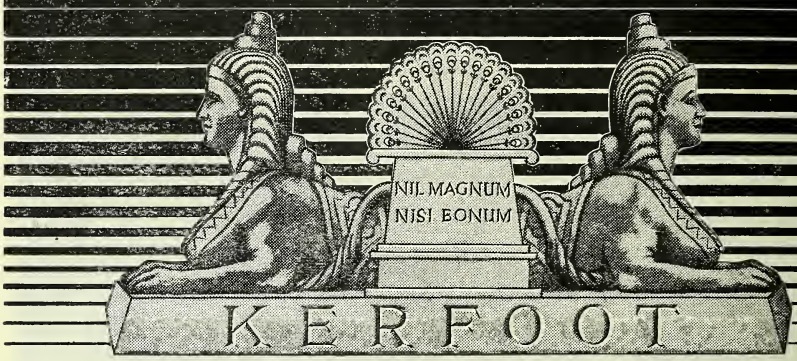
Further details sent on request to:—

EVANS MEDICAL SUPPLIES LTD., LIVERPOOL AND LONDON

EVANS

145-14/E9

For BACTERIOLOGICAL SUGARS



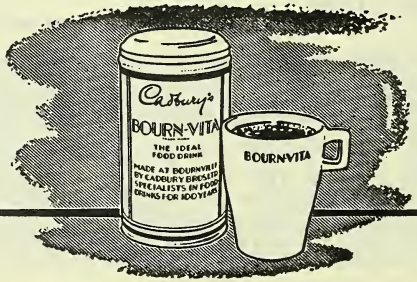
ARABINOSE · CELLOBIOSE · DEXTRINE (Prep. by precipitation) · DEXTROSE (Cryst. Anhydrous)
DULCITOL · GALACTOSE · INOSITOL · INULIN · LACTOSE · LÆVULOSE · MALTOSE
MANNITOL · RAFFINOSE · RHAMNOSE · SACCHAROSE · SORBITOL · SORBOSE · XYLOSE

THOMAS KERFOOT & CO., LTD. VALE of BARDSLEY, LANCASHI

Cadbury's

BOURN-VITA

SUPPLIES MAY BE OBTAINED
THROUGH YOUR WHOLESALE DRUGGIST



INDEX TO ADVERTISERS

Ltd. 17
ni Manufacturing Co., ... 38
ls, Ltd. 42
Fillers & Engineering Ltd. xi
Stafford & Sons, Ltd.... 21
i 39
Pharmaceuticals, Ltd. vi
rong Cork Co., Ltd. ... xii
Laboratories, Ltd. xxvii
Ltd. xviii
Ltd. 26
Tin Plate Printers, Ltd. xviii
R., & Son, Ltd. x
Products, Ltd. i
Honey 10
ms Pills, Ltd. 33
G., & Sons, Ltd. xiv
& Fish .....Col. Supp.
, Sawyer & Co., Ltd. Front Cover
W. H. xxx
n, S., & Sons, Ltd. ... v
, T. F., & Co., Ltd. xliii
Chemotheutic Pro-, Ltd. xxxi
Dental Sticks, Ltd. ... xlii
Drug Houses, Ltd., The 5
Dyewood Co., Ltd. ... iv
Felsol Co., Ltd. Cover iv
& Schimmer v
ovydrin (1945), Ltd. ... xxx
Bibby & Gregory, ... 24
-Bowker Tablet Co., ...xxxii

Burrough, James, Ltd. Leader Page
Burroughs Wellcome & Co. ...9, 43

Cadbury Bros., Ltd. 4
Calmic, Ltd. x
Carter, H. W., & Co., Ltd. xxviii
Carton Box & Printing Co., Ltd. 30
Cartwright, W. B., Ltd. 6
Cellucotton Products, Ltd. ... xiii
Chemist & Drugstore News ... xvi
Citrus Products Co., Ltd. ... xlii
Clinitest xxix
Colgate-Palmolive-Peet, Ltd. 11
Container Recovery Service...xxxiv
Cooper Laboratory, Ltd. 30
County Perfumery Co., Ltd. 35
Cow & Gate, Ltd. 22
Cox, Arthur H., & Co., Ltd. 8
Craig & Parsons, Ltd. xxxii
Cresswell Bros. & Marks, Ltd. 36
Crookes, F. & W., & Sons, Ltd. xvi
Cuxson, Gerrard & Co., Ltd. 38

Daniel, Richard, & Son, Ltd. 13
Delavelle, Ltd. 36
Dettol Ointment 18
Disprin .....Leader Page
Distillers Co., Ltd. 32
Dunlop Hot Water Bottles ... xi
Dunn Brothers, Succrs., Ltd. iv

Eades Anodyne, Ltd. 40
Edge, Wm., & Sons, Ltd. ... xiv
Edme, Ltd. xxxvi
Enna Nursery Specialists xxxii

Eno, J. C., Ltd. 37
Evans Medical Supplies, Ltd. 3
Evan Williams Co., Ltd. 36

Frankenberg, L., Ltd. xvi
Franks, A., & Bartlett Co., Ltd. xxiv
Freudentheil, Smith & Co. Leader Page

Gambles, J. C., & Co., Ltd. xxv
Gardner, W., & Sons, (Glos.), Ltd. ii
Garlic Deodorised Antiseptics, Ltd. .....Leader Page
George, Ernest, J., & Co. Col. Supp.
Gillette Industries, Ltd. xix
Glama of Mayfair 30
Gordon - Moore's Cosmetic Toothpaste xxiii

Haller Laboratories, Ltd. ... xiv
Hamburger, M., & Sons ii
Harvey & Co. (Dublin), Ltd. xvi
Harwoods Laboratories, Ltd. xliv
Havinden, G., Ltd. 40
Herts Pharmaceuticals, Ltd. 32
Hewlett, C. J., & Son, Ltd. 28
Hobson, Trimble & Co., Ltd. xii
Huffer & Smith, Ltd. viii
Hytex, Ltd. 10

Ilex Supply Co., Ltd. 28
Imperial Chemical (Pharmaceuticals), Ltd. .....Cover iii

(*continued overleaf*)

B.D.H. SEX HORMONE PRODUCTS

The trend towards a wider use of sex hormone substances in dispensing is significant of modern therapeutics. The B.D.H. range includes all the preparations of the B.P. 1948 and N.F. 1949.

THE ŒSTROGENS

Æthinyl. Œstradiol.	'ESTIGYN'
Inj. Œstradiol Monobenz. B.P., N.F.	OESTROFORM (ampoules)
Tab. Œstron. B.P., N.F.	OESTROFORM (tablets)
Œstradiol.	OESTROFORM OINTMENT, PESSARIES and PELLETS FOR IMPLANTATION
Tab. Dienœstr. B.P., N.F.	DIENŒSTROL B.D.H.
Dienœstr. B.P.	DIENŒSTROL OINTMENT
Tab. Stilbœstr. B.P., N.F.	STILBŒSTROL B.D.H. (tablets)
Stilbœstr. Dipropion.	STILBŒSTROL-D.P.
Tab. Hexœstr. B.P., N.F.	HEXŒSTROL B.D.H. (tablets)

Literature describing any of the B.D.H. Sex Hormone Products will be forwarded to pharmacists on request.

THE BRITISH DRUG HOUSES LTD. LONDON N.1

SHor/T/4

INDEX (cont.)

Jarvie, Hugh & Co., Ltd. ... 23
Jeffreys, Miller & Co., Ltd. 30
Johnson & Johnson (G.B.), Ltd. xxxiii
Jones, W. H., & Co. (London), Ltd. .....Leader Page
Jones & Bailey, Ltd. 40

Kay Bros., Ltd. 34
Kearsley, C. & G., Ltd. ...xxxviii
Kellys, J., (London), Ltd. ... vi
Kerfoot, Thomas, & Co., Ltd. 4
Kings of Kingsbury (Sales), Ltd. xxxviii
Knox, John (Stoke-on-Trent), Ltd. xlii

L.B.W., Ltd. 25
Laporte Chemicals, Ltd. vi
Lax & Shaw, Ltd. xxii
Liverpool School of Pharmacy Leader Page
Loveluck Edwards & Co. Leader Page

MacAndrews & Forbes, Ltd. 20
Macdonald & Son, Ltd. 16
Maclennan Brand Products, Ltd. xxxviii
Manchester Oil Refinery, Ltd. ii
Mandleberg's xxi
Marks, Leslie & Co., Ltd. ... 42
Marns, Thomas, Ltd. (Arrid) xxxviii
Meggeson & Co., Ltd. 2
Mitchell, L. A., Ltd..... viii
Monsanto Chemicals, Ltd. ... 1
Moore Medicinal Products, Ltd. xxxvi
Morley, Rogers & Co., Ltd. xxx
Moseley, D., & Sons, Ltd. ... v
Mountmellick Products, Ltd. 26

National Glass Works (York), Ltd. vii
Nervone 10
Nestlê, C., & Co., Ltd. 12
New Era Treatment Co., Ltd. 10
Niblett, C. P. xl

Orridge & Co. .....Col. Supp.
Ortho Pharmaceuticals, Ltd. xxvi
Owbridge, W. T., Ltd. xxxix
Oxo, Ltd. 44

Peboc, Ltd. 34
Pentecon, Ltd. ix
Perihel, Ltd. ii
Petrushkin, M., Ltd. ix
Pharmaceutical Specialities (May & Baker), Ltd. 19
Porosan, Ltd. xv
Porteus, Geo., & Sons (Leeds), Ltd. iv
Potter & Clarke, Ltd. 41

Rankin Bros., & Sons Leader Page
Rentokil, Ltd. viii
Rimmel Distributors, Ltd. ... xli
Roger & Gallet (London), Ltd. 31
Rose, J. L., Ltd. xl

St. Andrew Mills, Ltd. xx
Sandoz Products, Ltd. 27
Savory & Moore, Ltd. 44
Scram Products, Ltd. .....
Scruton, Oscar, & Co., Ltd.
Seven O'clock Razor Blades
Sidnick, M., & Co., Ltd. ..
Songo .....Leader
Spicers, Ltd. .....
Standard Synthetics, Ltd. ..
Steele, F. H., & Co., Ltd. ..

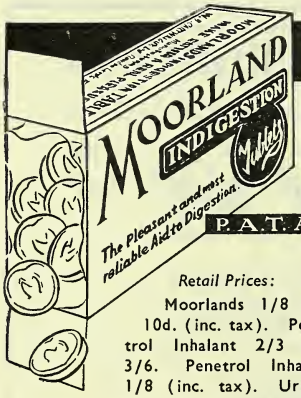
Tampax, Ltd. .....
Tangee .....
Teasdale & Co., Ltd. .....
Thackray, C. F., Ltd. .....
Twinkle Headache Powders Leader

United Chemists Association Ltd. .....

Velena .....
Velouty de Dixor, Ltd. .....

Waide, Thos., & Sons, Ltd
Wallis Laboratory, Ltd., The Leader
Wander, A., Ltd. .....
Wernet Dental Manufacturin Co. .....
Westbrook Lanolin Co. .....
Westminster Laboratories, Ltd
Whitakers (Kendal), Ltd. ..
White, J. F., & Co., Ltd. ..
Williams, Charles & Co. ....
Windschuegl, Chas. H., Ltd
Woolley, J., Sons & Co., Ltd
Wright, Layman & Umney Ltd. .....Co

Zeal, G. H., Ltd. .....



THE POPULAR CHOICE

. . . . of both the Trade and the Public
Moorland Indigestion Tablets. **The Public** prefe
Moorlands because of the speedy relief they brin
because they are particularly pleasant to take, an
because they are an old-established and wel
tried remedy.

Retail Prices:
Moorlands 1/8 and 10d. (inc. tax). Penetrol Inhalant 2/3 and 3/6. Penetrol Inhalers 1/8 (inc. tax). Urillac Tablets 8½d., 1/5, 3/4.

The Trade know that Moorlands are made to
high quality formula, that they are quick sellin
have an excellent reputation, and, being widel
advertised, bring new custom and repeat busines

W. B. CARTWRIGHT LTD., RAWDON, LEED

MOORLAND

INDIGESTION TABLETS

UNITED

FOR THE PRESERVATION

OF INDIVIDUALITY

Ucal

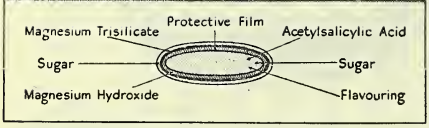
UNITED CHEMISTS ASSOCIATION LIMITED, UCAL WORKS, CHELTENHAM.

A MARK THAT INDICATES
DEPENDABLE ACCURACY

in PILLS & TABLETS

ARTHUR H. COX & CO. LTD. (Founded 1839) BRIGHTON, 7

Aspirin Therapy brought to Perfectio



MAGSILATE

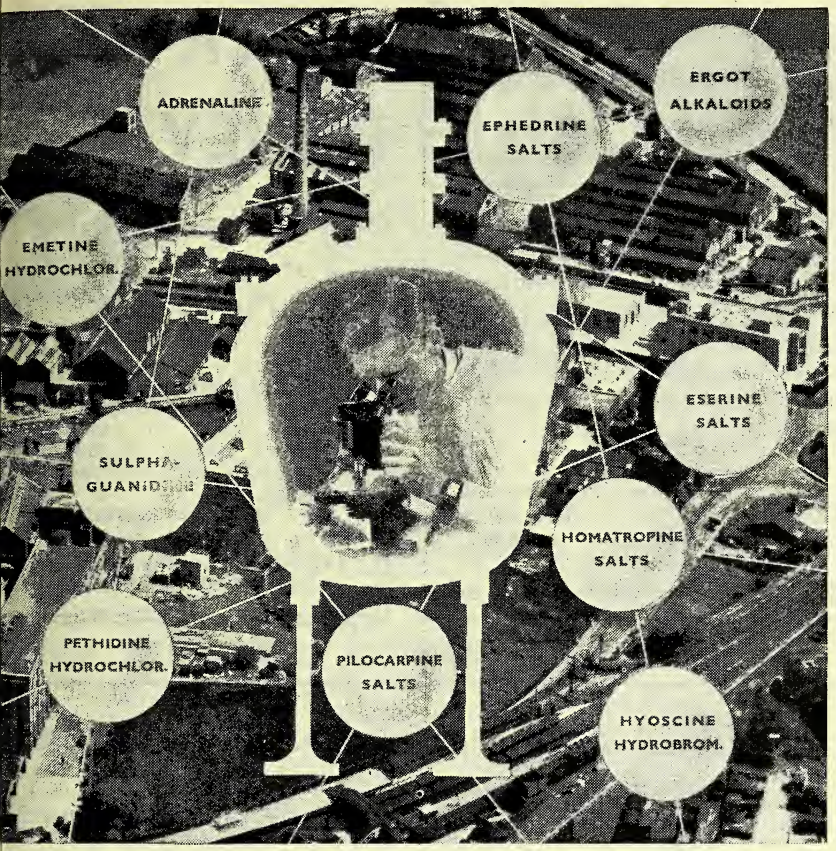
ANALGESIC, ANTIPYRETIC TABLETS

- Aspirin fully protected against deterioration
- Quicker absorption
- More effective action
- No gastric disturbance
- Palatable to eat
- No water required

MAGSILATE is a CF product, sold *throug chemists only*. Terms are profitable. Attracti showcards, informative literature and fre samples supplied with orders.

Supplied in two sizes : 4d. & 1/10d. (incl. P. Tax).
Dispensing packs : 125 Tablets, 9/- net and 500 tablets, 35/- net (free of P. Tax).
A product of **WESTMINSTER LABORATORIES LTD.**, Chalcot Road, London, N W.I.

PAT



For over **FIFTY** *years*

Wellcome Chemical Works have been producing chemicals of superlative quality. y of these can now be supplied to other manufacturers on particularly advantageous ns. In addition, we invite inquiries regarding the preparation of fine chemicals which not already on our list. Long and extensive experience in the field of chemical ufacture places us in an exceptional position to meet the special needs of individual tomers.

'B.W. & CO.' *Fine Chemicals*

ughs Wellcome & Co. (The Wellcome Foundation Ltd.), Bull. Chemical Department, 183-193, Euston Road, London, N.W.1

Are You Stocking?

NERVONE

SALES STEADILY INCREASING!

INCREASED advertising is now in force and more and more of your customers will ask you for "Nervone"—the new biochemic remedy for nervous disorders.

You should make sure of your share of this profitable business by stocking and displaying. Show material gladly sent free on request.

P.A.T.A.

Retail	(Including Tax)	Wholesale
3/3, 5/6, 22/- per packet		28/5, 48/-, 192/- per doz.

"NERVONE"

Cecil House, Holborn Viaduct, London

BEAR BRAND HONEY

For Purity and Quality

As direct importers from all the main Honey-producing Countries of the World, we can supply Standard Grades of the finest Honey for all Manufacturing purposes.

ENQUIRIES INVITED

L. GARVIN & CO. LTD.
ISLEWORTH . MIDDLESEX
Telephone: HOUnslow 3483 (3 lines)

Will it be a severe Winter?

Whatever the weather the "NITEY-NITE Baby hot water bottle will sell. In design an surface engraving it is the finest Baby ho water bottle in the world. Nitey-Nite is th registered mark of

HYTEX LTD.

WHO PRODUCE MOULDED RUBBER WARE FOR YOU AT

304 Latimer Road, London, W.1

Telephone: LADbroke 1445

Please ask your Wholesaler for samples and details of Nitey-Nit

This is it!

HE EXCITING NEW

CREAM SHAMPOO DISCOVERY

THAT MEANS EXTRA BUSINESS IN SHOP AND SALON

Here it is! Lustre-Creme, the new *cream* shampoo that's fast becoming the sensation of hairdressing salons and cosmetic counters. Lustre-Creme, the new *cream* shampoo made by Colgate-Palmolive-Peet to bring you extra business and higher profits.

Here are the facts. Retail price 2/9d. Packed in handsome jars ready for immediate use. Carries a high profit margin. Supported by heavy and prolonged advertising campaign in all the big circulation daily and sunday newspapers.

Big selling features. Instant scum-free lather in hardest water. Needs no after rinses other than water. Contains Lanolin, the *natural* dry scalp corrective. Leaves hair lustrous and manageable.

Cosmetic buyers! Lustre-Creme is your opportunity to feature a shampoo that will *not* stick on your shelves. Lustre-Creme is here to *sell.* Order supplies now.

Lustre-Creme Shampoo

WITH LANOLIN

COLGATE-PALMOLIVE-PEET LTD., 145 CHARING CROSS ROAD, LONDON, W.C.2

ALURA

COLOUR WAVE SET

now available in 2 oz. bottles retailing at 1/3 in addition to the current 4 oz. bottles

ALURA, the famous colour wave setting lotion, has always been a very profitable over-the-counter line. The new 2 oz. bottle, retailing at 1/3, means even quicker, easier sales. Six attractive shades: Black, Brown, Auburn, Light Chestnut, Blonde and Natural for bleached, white or platinum hair. For full details of this profitable line write to the

SOLE DISTRIBUTORS

To CHEMISTS

DENDRON DISTRIBUTORS LTD.

3 FLEET LANE, LONDON, E.C.4

ANNOUNCEMENT BY

C. NESTLÉ & Co., Ltd.

Branscombe, near Seaton, Devon

Richard Daniel & Son Ltd.

PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR CHEMISTS

Manufacturing Chemists

Office & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

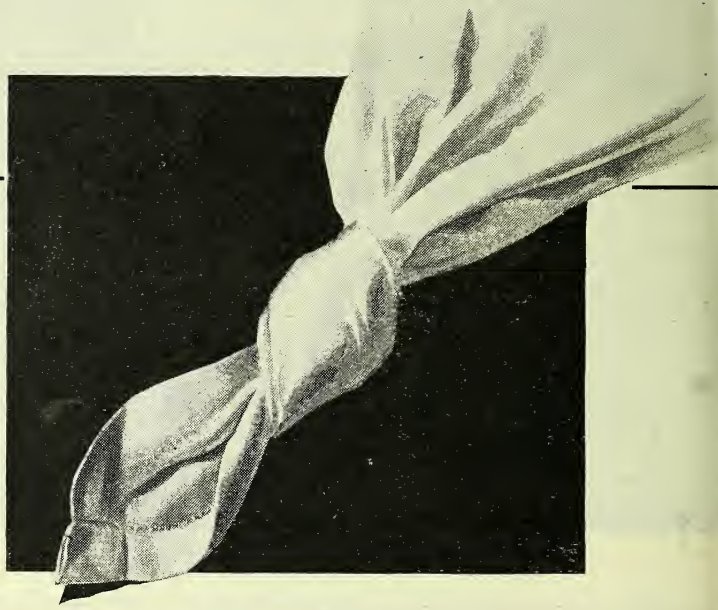
In the heel of the North-East Trade

RUDYARD KIPLING

Just as in earlier years the power of the trade winds was vital to the maintenance of commerce so the power of good printing is vital to the modern business house today. What is more, the production of good print, like the handling of sail, calls for a lifetime of experience.
The printed word is your ambassador-at-large, so it is essential that it should be of the highest standard. Consult us when next you are planning brochures, showcards, cartons, labels, etc. We have had a lifetime's experience of good printing and shall be pleased to place our wide knowledge at your service.

THOMAS WAIDE & SONS LTD
KIRKSTALL HILL, LEEDS, 5

Print Specialists for over seventy years



It's worth remembering!

WOOLLEYS

FOR EVERYTHING
PHARMACEUTICAL
1796—1949

WG9

JAMES WOOLLEY, SONS & CO. LTD., Victoria Bridge, MANCHESTER, 3

Tangee

LEAD THE WINNING CARD WITH

"PINK QUEEN"

TANGEE'S NEWEST LIPSTICK SHADE

Reproduction of "Pink Queen" display card printed in full colour. Actual size 9¾ in. by 7 in.

Follow suit and make

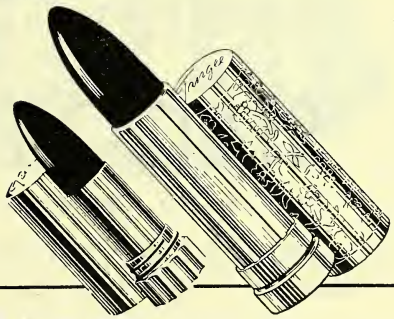
EXTRA **5%** PROFIT

On orders minimum value

£3

of any Tangee products

Retail prices :—
Large size Lipsticks . 7/6
Large Size Refills . . 3/6
Medium Size Lipsticks 2/6
(All including Purchase Tax)



ole Distributors :

J. C. GAMBLES & CO., LTD., 209-215, BLACKFRIARS RD., LONDON, SE1

SILCOT

—women say they are

"The Best"

To women SILCOT means all that's best in sanitary towels. They prefer Silcot because they are best for comfort and best for safety. And being a cotton wool towel—with knitted covers and stitched loops—they are best for value, too.

To the chemist SILCOT represents all that's best in lines of this kind. It is a high quality article. It is in growing demand. It sells **all** the time. It brings regular repeat business. It is nationally advertised.

PRICES

	Trade per doz. pkts.	Retail per pkt.
SILCOT		
Size O	15/9	1/9
,, 1	18/-	2/-
,, 2	22/6	2/6
,, 3	27/9	3/1
,, 4	30/-	3/4
VENSILLA (Soluble)	15/8	1/9

SILCOT SANITARY BELT (Subject to Purchase Tax) 12/6 per dozen. 1/11 each.

SILCOT

SANITARY TOWELS

MACDONALD & SON LTD., HOPE MILLS, POLLARD STREET, MANCHESTER, 4

'ITS EFFECT ON SALES IS AMAZING"

say

ERRY-GO-ROUND USERS

OST retailers are enthusiastic ut the Wisdom Merry-go-round first time they see it. New, el, colourful, this revolving self-vice counter stand is obviously aluable sales aid. But after a ek or two's experience with the rry-go-round on their counter, ailers are even better pleased. most cases its effect on sales amazing. Small shops that viously sold only 12 Wisdom ushes a week report increases and 12 a day. The Wisdom rry-go-round is free to ry stockist who orders 3 zen Wisdom toothbrushes e dozen each texture—rd, medium and extra rd) from his usual olesaler.

Addis Limited, Hertford, established 1780

Wisdom **– THE QUICKEST-SELLING TOOTHBRUSH**

in Natural Bristle or Nylon

Experience teaches

'Dettol' Ointment is being more and more widely used where a dressing both sedative and antiseptic is required. Time and time again, when obstinate irritations and septic sores have resisted a succession of different treatments, 'Dettol' Ointment is found to bring rapid relief from discomfort and to promote successful healing.

You may confidently recommend

'DETTOL' OINTMENT
BRAND

Soothing and actively antiseptic

TRADE MARK
'THALAZOLE'
BRAND
phthalylsulphathiazole

e sulphonamide of choice in **gastro-intestinal** infections

In common with its succinyl analogue, phthalylsulphathiazole is only sparingly absorbed from the gastro-intestinal tract. Its advantages lie in its greater bacteriostatic activity and the retention of this activity to a greater extent in the presence of watery diarrhœas. Phthalylsulphathiazole is recommended as the sulphonamide of choice in the treatment of the acute phase of bacillary dysentery, the cure of the convalescent carrier state, the treatment of symptomless carriers and for prophylaxis in those exposed to infection. It is effective for these purposes, not only in Shiga and Flexner infections, but also in Sonne infection, against which sulphaguanidine is relatively ineffective. It is also used in surgery of the intestinal tract, both before and after operation for the prophylaxis and treatment of peritonitis, faecal fistula and wound infection of patients undergoing such operations as resection of the rectum and of the colon. Its use is suggested in the treatment of ulcerative colitis and gastro-enteritis of the newborn.

ontainers of :

25 x 0.50 Gm. tablets at 6s. 9d.
100 x 0.50 Gm. tablets at 26s. 3d.
500 x 0.50 Gm. tablets at 96s. 0d.
100 Gm. powder at 52s. 0d.
500 Gm. powder at 191s. 6d.

All prices exempt P.T.

32 *manufactured by* MAY & BAKER LTD

distributors PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD. DAGENHAM

MACANDREWS & FORBES LTD

2 CAXTON STREET, LONDON, S.W.1

TELEGRAMS: MACFORBES SOWEST LONDON TELEPHONE: ABBEY 4451

DRUG EXTRACTS

FROM OUR OWN-GROWN HERBS

●

BELLADONNA, HENBANE DIGITALIS

●

Ext. Belladonnæ Viride, B.P.C.
Ext. Belladonnæ Viride, B.P.1898
Ext. Belladonnæ Sicc., B.P.

Ext. Hyoscyami Viride, B.P. 1898
Ext. Hyoscyami Viride, Pulv.
Ext. Hyoscyami Sicc., B.P.

Ext. Digitalis
Ext. Digitalis Alc.
Ext. Digitalis Pulv.

●

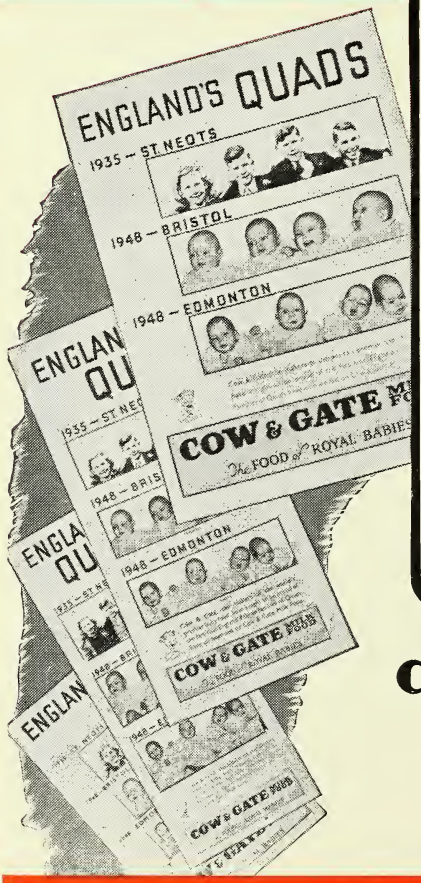
Our 'Factory in the fields' ensures full activity

Send us your enquiries and orders

AFFORD ALLEN & SONS LTD., Wharf Rd., London, N.I. CLErkenwell 1000

TAS/AL.339

England's Quads



ST. NEOTS 1935
BRISTOL 1948
EDMONTON 1948

The nation-wide advertising campaign informing the general public that all the three families of England's Quads have been fed on Cow & Gate has aroused even greater interest in this famous baby food.

Cow & Gate are now able to supply attractive display material and chemists are invited to share in this successful campaign by writing to :—

COW & GATE LTD

Dept. C.D.

GUILDFORD

SURREY

ESTABLISHED ★ 1892

TEMPERATURE CHART

107° 106° 105° 104° 103° 102° 101° 100° 99° 98° 97°

JARVIE for QUININE

H. JARVIE & Co LTD

SCOTIA CHEMICAL WORKS · COATBRIDGE · SCOTLAND

TAKING A LEAD FROM NATURE

Colour and Protection

LABELS including four-colour can labels.

CARTONS in letterpress, litho and gravure.

BAGS including special closures and special windows.

FILM & FOIL conversions allied with laminations to give full protection.

Lithe and sleek, the beasts of the forests are endowe with rich colour and also a natural covering whicl gives them protection from briar and thorn, fron monsoon and sun. We cannot imagine Nature's child ren in a dull monochrome, nor today can we imagin the varied products in the markets of the world withou colour or without planned packaging to guard them We give this service by careful design and pack, carrie out in repetition quantities in our up-to-date plant

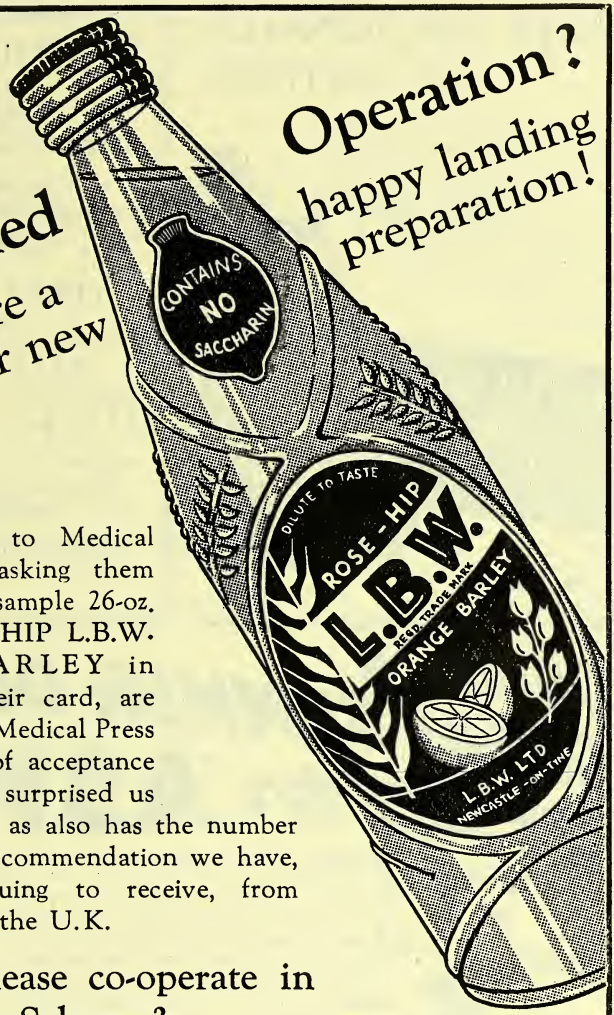
BROWN BIBBY & GREGORY LTD

Colour Printers and Packaging Specialists

London Office · 9 Grafton Street · W.1. Telephone · REGent 2506
Registered Office and Factory · Speke · Liverpool 19. Telephone · Hunts Cross 1331

Operation? happy landing preparation!

Combined To ensure a for our new



INVITATIONS to Medical Practitioners, asking them to obtain a free sample 26-oz. Bottle of ROSE-HIP L.B.W. ORANGE BARLEY in exchange for their card, are appearing in the Medical Press and the degree of acceptance of this offer has surprised us by its magnitude as also has the number of letters of high commendation we have, and are continuing to receive, from doctors all over the U.K.

Will you please co-operate in this Scheme?

Supplies are obtainable through your usual Wholesaler, who is authorised by us to grant you credit against all doctors' cards or letterheadings accepted by you in exchange for free 26-oz. bottles.

NATURAL VITAMIN 'C' content when Bottled 20 mg. per fluid oz.

L.B.W. Ltd., 46, Grainger Street, Newcastle upon Tyne, 1.

C

NOW NATIONALLY ADVERTISED

For years there has been a big demand for this old-fashioned well-known remedy. Now that we have embarked on an extensive advertising campaign in the Press and women's publications the demand will be greater than ever. Be sure you are well stocked—

Send in your order now to:
O. SCRUTON & CO., LTD.
4 BARKER LANE, YORK

MOUNTMELLICK PRODUCTS LIMITED

MANUFACTURED AND PREPACKED FOODS
(ORDER—REVOKED)

WE OFFER PRE PACKERS & EXPORTERS

MALT, MILK
AND
COCOA BEVERAGE
(Sweetened)
ALSO
MALT EXTRACTS
suitable for blending with Vitamins, Liver etc.

Shipping Inquiries Invited.

Head Office:
29 SOUTH FREDERICK STREET
DUBLIN, IRELAND

Telegrams & Cables "MELMALT" DUBLIN — Phone: DUBLIN 61052

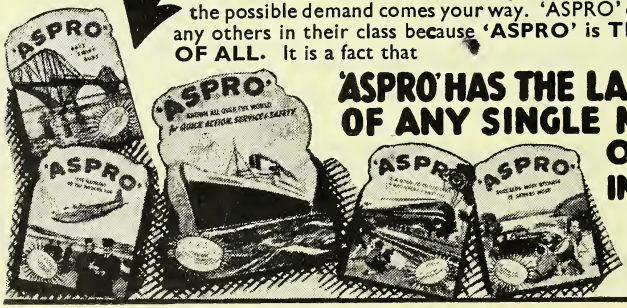
LABORATORIES: Pharmaceutical, Dietetic, Industrial.

There's a GREAT SUMMER DEMAND for 'ASPRO'

(YOUR DISPLAY WILL ATTRACT THOUSANDS of 'ASPRO' USERS)

When people **know** a product—have tried it and proved for themselves its use and value—they **BUY** it, again and again. Display completes the sale by reminding them just at the right time. For the story of a sale begins outside a shop, wherever advertisements are seen, wherever one member of the public recommends the product to another.

When you display 'ASPRO' you are displaying **a product which is known, used and valued everywhere.** As a result the whole of the possible demand comes your way. 'ASPRO' displays pull more than any others in their class because **'ASPRO' is THE BEST KNOWN OF ALL.** It is a fact that



'ASPRO' HAS THE LARGEST SALE OF ANY SINGLE MEDICINE OF ITS KIND IN THE WORLD

Made in England by
ASPRO LIMITED,
TRADING ESTATE,
Slough, Bucks

P.A.T.A.

Introducing . . .

"MESONTOIN"

A marked advance in the treatment of

EPILEPSY

GRAND MAL, JACKSONIAN AND PSYCHOMOTOR ATTACKS

Mesontoin offers considerable advantages over other hydantoins, in that the incidence of side effects is low, the dosage may be maintained at a high level, and that more effective control is obtained in resistant cases

Loscalzo, A. E. : J. Amer. med. Ass., 1947, **135**, 496.
Lennox, W. G. : Amer. J. Psychiat., 1946, **103**, 159.
Harris, T., and Otto, J. : Texas Sta. J. Med., 1947, **43**, 328.

SANDOZ PRODUCTS LIMITED

134 Wigmore Street, London W.1

HEWLETT'S ANTISEPTIC CREAM

THE CREAM WITH A USE IN EVERY HOUSEHOLD FOR PREVENTING D
TREATING NAPKIN RASH, OR FOR SORE HANDS, CUTS, ABRASI S
OR AS A SOOTHING APPLICATION FOR CHILBLAINS, ETC.

COST 18/- DOZ. + P.TAX. RETAIL 2/3 + P.TAX. 33⅓% PROF
BONUS TERMS. DISCOUNT FOR WINDOW DISPL

These prices apply to the United Kingdom only

C. J. HEWLETT & SON LTD.

MANUFACTURING CHEMISTS

35-43, CHARLOTTE ROAD, LONDON, E.C.2

Also at 48, CARSTAIRS STREET, GLASGOW, S.E.

Stops Scurf

Page-Barker's

Scurf & Dandruff Lotion

Trade 20/- doz.

Plus Tax ⅓ Retail 3/4

Ask for Showcard

Money Back Guarantee on every bottle!

P.A.T.A.

Sole Distributors to the Chemists' Trade—

THOS. CHRISTY & CO. LTD. FARNHAM, SURREY

Sole Manufacturers and Proprietors:—

THE ILEX SUPPLY CO., LTD., 252b, GRAY'S INN ROAD, LONDON, W.C.1

he Delicious, Nourishing nergising Vitamin Food for Infants Children & Adults

A Product of the Ovaltine Research Laboratories

TO the physician requiring a product which incorporates important vitamins in a form entirely pleasant and acceptable to every patient 'Vimaltol' presents special advantages.

'Vimaltol' is made from specially prepared malt extract of high protein content, yeast—one of the richest sources of vitamin B—and Halibut Liver Oil, an important source of vitamins A and D. It is also fortified with additional vitamins and mineral salts, and is deliciously flavoured with orange juice. 'Vimaltol' is thus an important aid in the treatment of the many abnormal conditions resulting from the deficiency of one or more of the essential vitamins in the average everyday dietary.

The routine use of 'Vimaltol' helps normal development of the growing organism and the maintenance of correct metabolism, while raising the general resistance against infection.

On the P.A.T.A.

Wholesale Prices: **1** lb. Jars, **27/-**, **2** lb. Jars, **49/6.**
(*Exempt from Purchase Tax*)
Retail Prices: **1** lb. Jars, **3/-**, **2** lb. Jars, **5/6.**

NDER LTD., *Manufacturing Chemists*
er Grosvenor St., Grosvenor Sq., W.1

M.344

TEN MILLION NEWSPAPERS DAILY . . .
advertise "ORICOL" Instant Curl Capsules
Order supplies from your wholesaler.
Write for details free local advertising.
GLAMA OF MAYFAIR
17 Dover Street · London · W.1
Telephone: Regent 0356 (3 lines)

SHOWCARDS
CARTONS & BOXES
PRINTED OR PLAIN
OF EVERY KIND, FOR EVERY PURPOSE
CARTON BOX & PRINTING Co. LTD
BRINKSWAY, STOCKPORT
PHONE:- STO. 4700.
TRANSPARENT BOXES
DISPLAYS

MILLAMALT
Sole Manufacturers: JEFFREYS, MILLER & CO. LTD (A 6500 I.U., D 400 I.U. PER FL. OZ.)
Leyland Mills, Wigan. *London Dept.* 19 Brookside Rd. N

Malt Extract with added Natural Vitamin

The House for
TABLETS & PILLS
A complete range supplied packed or in bulk. Also we make to private and special formulæ.
PROPRIETARY REMEDIES PREPARED & PACKED

BULK TABLETS
supplied in convenient quantities from 100 upwards
Copy of our N.F. 1949 list sent on request.

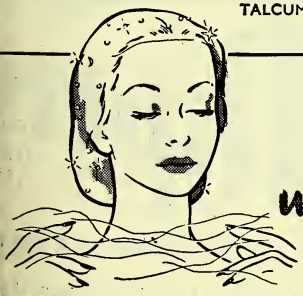
SACCHARIN TABLETS in pkts. of 100 or in Bulk.

The **COOPER** *Laboratory Ltd*
THE SPECIALIST HOUSE
WATFORD

Good-Class Trade Prospects

n every town, in every village, there is a market for Roger & Gallet Creations. Such people go, as a matter f course, to the finest Chemist in the neighbourhood. f that is you, order your stock, display it, and let the orthcoming advertisements bring their readers to your hop. Write now for details to Roger & Gallet London) Ltd., Lechmere Road, London, N.W.2. Telephone Willesden 2171-2.

EAU DE COLOGNE • LYRE PERFUMES • FACE POWDER • DAY CREAM • NIGHT CREAM
LIPSTICKS • CREAM ROUGE • LIPSALVE DE LUXE • LIQUID AND SOLID BRILLIANTINE
TALCUM POWDER



ROGER & GALLET
CREATIONS
unveil fresh loveliness
—THE KEYNOTE
OF THE NEW ADVERTISING CAMPAIGN

Lively Sales Aids

The unique qualities of 'SLEEK' plastic adhesive strapping give it an immediate appeal to your customers. By displaying it and introducing it, you will be earning their permanent goodwill.

Use the attractive showcards which are available; they will help you sell 'SLEEK' even more quickly. We have also produced a 'SLEEK' Sales Manual which will give you and your staff all the information you want about the product. 'SLEEK' will give you a quick turnover. Plentiful supplies are available in flesh colour or white.

1" x 5 yard spools ... **Retail 2/- each**
2" x 5 yard spools ... **Retail 3/6 each**

'Sleek'

TRADE MARK

PLASTIC ADHESIVE

STRAPPING

Herts Pharmaceuticals Ltd., Welwyn Gdn. City, Herts.
Telephone: Wel. Garden 3333 S18

Handmaid

protects hand against the dirt of daily work

Samples and prices will be sent gladly on application to the
WESTBROOK LANOLIN Co
Subsidiary of Woolcombers Ltd.
BRADFORD

A Westbrook PRODUCT

D.C.L. VITAMIN B YEAST TABLETS

Each ounce contains a natural Vitamin B potency equivalent to that of 25 mgm. Aneurin Hydrochloride, 1·4 mgm. of Riboflavin, and 8 mgm. Nicotinic Acid. Each tablet contains 100 I.U. (approx.) Vitamin B_1.
100 TABLETS 3/9d. 50 TABLETS 2/3d.

MANUFACTURED BY
THE DISTILLERS CO. LTD., EDINBURGH.

Nipits

THE MEDICATED PASTILLES

FOR VOICE, THROAT & CHEST

TEASDALE & CO. LTD., CARLISLE

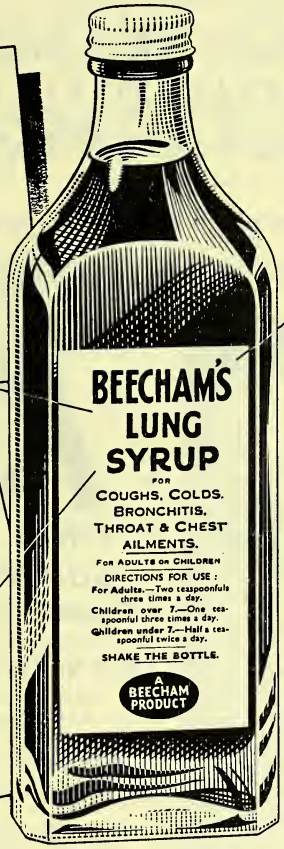
Things to keep in mind about

BEECHAM'S LUNG SYRUP

T.A.

Suitable for Wet or Dry coughs

Antitussive and Expectorant



Palatable and Mildly Antiseptic

There can be no substitute for the goodwill of the buyer. Neither can there be any substitute for the sincere and unreserved recommendation of the chemist. The name and formula of Beecham's LUNG SYRUP bring profit and prestige wherever it is sold. It is the HOME AND FAMILY remedy — and the time is now ripe to show your stocks.

A GOOD SHOW will bring in the customers

BEECHAMS PILLS LTD., ST. HELENS, LANCASHIRE

F. H. STEELE & CO. LTD

Manufacturing Chemists

BLACKROCK, DUBLIN

Telephone: DUBLIN 83610 Telegrams: DESTIL, BLACKROCK

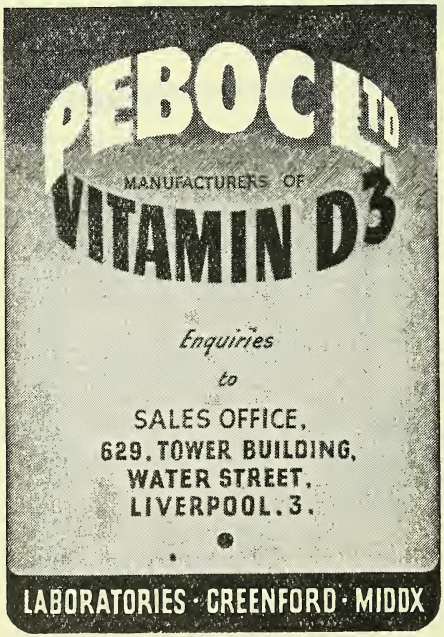
. . . have pleasure in announcing that they have now obtained permission fro the Board of Trade to Export to the United Kingdom. Their full range, high-quality and attractively packed products include :—

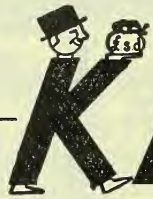
MEDICATED PASTILLES · LOZENGES · TABLET CHEMISTS' MEDICINAL CONFECTIONERY, Et

ALL TRADE ENQUIRIES will be dealt with PROMPTLY

Samples and prices on request

NOW IS THE TIME to place orders for your winter trade





KAY

LINES THAT BRING SUMMER PROFITS

Flycatchers:
Honeypot, Viper, Tom Thumb, Gorgo

DDT Flykillers:
Katydid (2d.) "Lanterns" (4d.)
also APEX Insect Guns
ERA Moth Cartridges and Sheets
ERA DDT Flyspray
DAK (Birdlime) for Mice and Rats—
tubes 1/-; tins 1/9, 3/
KAYBRO ANTI-MIDGE tubes 1/

Write for samples and prices:

KAY BROTHERS LTD.
Kayborough, Reddish, STOCKPORT

there's still time to win!

BRYLCREEM

WINDOW-DISPLAY COMPETITION

Time means money — and there's still time to win £100 or one of these other attractive cash prizes. Make a prize window display of Brylcreem —the world's largest-selling hair dressing—and other County products, including Brylfoam, Brylshave, Nicota, Hiltone and Rowland's Macassar Oil. Boldness, originality and eye-compelling appeal — these are your watchwords in displaying these fast-selling lines. Write for free, attractive display material which will help you make every passer-by a customer and will win you quick profits. Bigger-than-ever advertising is behind you, keeping County products right in the front.

Write today for details of how to enter and conditions governing this great contest to County Perfumery Co. Ltd., Honeypot Lane, Stanmore, Middlesex.

EARN A 10% BONUS TOO!

You can stock up at special prices, too. All orders of £10 or more qualify you for a 10% display bonus. Orders of £6 or over earn you a 5% display bonus. Yes, this is certainly your opportunity—one you must not miss—to make bigger profits, quicker turnovers, and to put your name on a £100 cheque into the bargain!

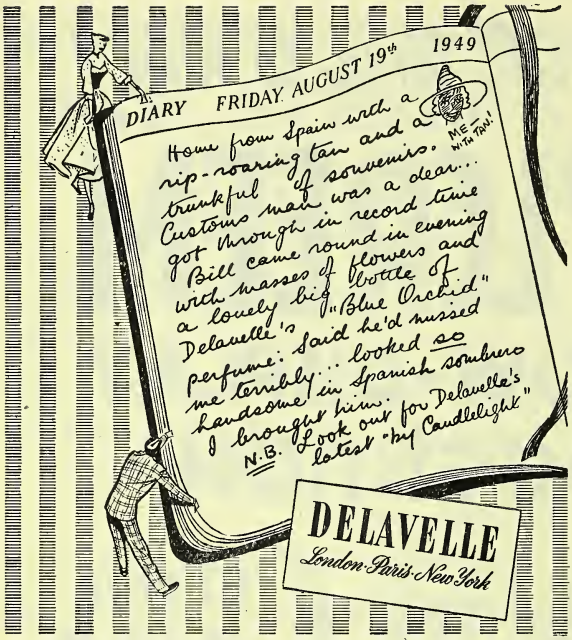
Note: The qualifying amounts of £10 and £6 are for the value of the goods only and exclude purchase tax.

1st prize £100

2nd prize £50

3rd prize £25

20 prizes of £5



This striking persuasive and u usual advertising for Delavel "Blue Orchid" and "by Candl light" Perfumes is appearing at fortnightly intervals from now right through to Christmas in national and local papers with a combined readership of 8 millio Designed not merely to mak them known, but to SELL Del velle perfume the basic sellin theme will b repeated agai and again in many ne and fresh ways. Don't wait ti our representative reaches yo . . . . he may not be due for som time and you will miss profitab sales. WRITE NOW for list an particulars of valuable cas quantity extra discounts.

DELAVELLE

38/46 ORSMAN RD., LONDON, N

Telephone: Clerkenwell 6066
Telegrams: Parfumerie London

The Warehouses of Cresswell Brothers and Marks.

We have warehouses at Ægina, Greece, and are represented at all major centres of the Sponge Industry throughout the world. Your enquiries will receive our courteous, prompt and knowledgeable attention.

We have no connection with any other firm advertising sponges or chamois leathers in this Journal

CRESSWELL BROS. & MARKS
(INTERNATIONAL SPONGE IMPORTERS, LTD.)
BUCK STREET, CAMDEN TOWN, N.W.1
Telephone: Gulliver 5462-3
Telegrams: Sponge, Norwest, London

EVAN WILLIAMS
SHAMPOOS

New Packs bring added popularity to these already famous shampoos

Our newly designed and nationally advertised packs have been received with general enthusiasm. More women than ever before are appreciating the value of these gentle, natural cleansers which are kind to the hair. The shampoos are still of the same inimitable quality; quantity and price unchanged.

EVAN WILLIAMS CO. LTD.
Aintree Road, Perivale, Middx.

They will all be reading this!...

This is one of the new ENO advertisements now appearing in the National and Provincial Press and in all important magazines. It forms part of a great Summer campaign, which also includes effective outdoor publicity of many kinds. Thousands of people, going on holiday every week, will be anxious to guard against upset systems which may spoil their pleasure. This eye-catching advertisement tells them how ENO'S will help them to enjoy their holiday to the full.

Cash in on this widespread public interest with prominent displays, and stock up now with good supplies of 'holiday Eno's'.

PENICILLIN PREPARATIONS

Official and Non Official
Manufactured under T.S.A. Licence No. 174

OINTMENTS - - - - - - - SOLVELLÆ
CREAMS - - - - - - - CREAM BASE
LOZENGES - - - - - - - SPRAYS
OCULENTUM - - - - - - ORAL TABLETS

AMPOULES OF PYROGEN FREE WATER AND NORMAL SALINE

Penicillin with Sterilised Sulphathiazole, etc. Aqueous and Oily injections. Full particulars on request. Also manufacturers of Surgical Ligatures and Sutures under T.S.A. Licence No. 40

CUXSON, GERRARD & CO., LTD.
OLDBURY, BIRMINGHAM

IMMEDIATE POSTAL SERVICE

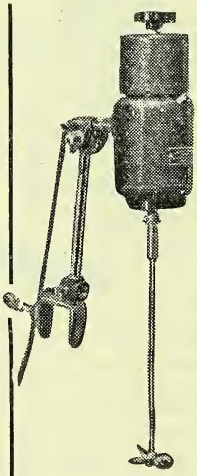
Chemists everywhere are discovering the double benefit of recommending **AURORAL DYES** . . . . quick, profitable turnover and satisfied customers who buy again.

Less 5% for cash in 7 days

AURORAL
Cold Water Dyes
48/- gross. Retail 6d. per pkt.

WINNER
Home and Stocking Dyes
24/- gross. Retail 3d. per pkt.

WHITAKERS OF KENDAL



Sole makers also of: The Adelphi Auto-filler—Bottle Washer — Powder Blender—Ointment Mill.

The ADELPHI AGITATOR EMULSIFIER

This apparatus, designed like all Adelphi products by experts and produced under precision conditions, can be mounted alongside or on the actual vessel in which are contained the liquids for mixing or emulsification.

All parts coming into contact with the fluid such as propeller and shaft are of STAINLESS STEEL.

Speed is variable, between 50 and 2,000 revolutions per minute.

PROMPT DELIVERY

ADELPHI Manufacturing Co. Ltd.
(Dept. A4)
393a CITY ROAD, LONDON, E.C.1

AMAMI

the cream of cream shampoos

CONTAINS LANOLIN

ink of Shampoos and the name you *first* nk of is AMAMI. Now AMAMI have a EW Shampoo — the wonderful AMAMI REAM Shampoo with the smoothest most her producing cream ever produced.

MAMI CREAM Shampoo is in the truest nse a scientific advance — a big jump ead of other cream shampoos. Even in e hardest water the stability of its lather remarkable as users will quickly discover.

order today. Put display material on ur counter and see the sales — and your ofit — on this new AMAMI Product ow before your eyes.

SPECIAL DISPLAY DISCOUNTS

SPECIAL introductory offer for WINDOW DISPLAY, for which striking material is now available: DISCOUNTS of 5% on orders of 3 dozen up to 6 dozen and 10% on orders for 6 dozen or over. RETAIL price: 1/10 per tube, including tax. TRADE: 12/- per dozen, net, plus tax.

PRICHARD & CONSTANCE (MFG.) LTD., NORTH CIRCULAR RD., LONDON, N.W.10

GRAFTON films

An entirely new name in the sphere of quality films. A new base, a new emulsion. Panchromatic; anti-halation backed; 28 Sch. Please do not confuse our product with re-rolls or adaptions.

To provide proof of our claims we will supply sample dozen lots upon receipt of 26/6d. or with tax declaration, 15/6d.
This offer is open to recognised dealers and chemists only with a guarantee to refund cash if not satisfied.

SIX EXPOSURES
Price '20' sizes £9 6s. od. per gross plus tax £6 12s. od.
Price '127' sizes £7 16s. od. per gross plus tax £5 12s. od.
Terms :—Cash with order, pro forma invoice or C.O.D.

We regret to announce that we are unable, at the moment, to accept any new customers for our D. & P. service.

Enquiries to:

JONES & BAILEY LTD

66/72 BREWERY ROAD, LONDON, N.7
Telephone: NORth 2533 Telegrams: Certito, Holway, London

Eade's PILLS

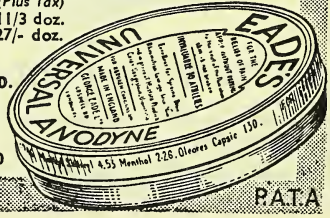
Eade's Rheumatic and Gout Pills, the remedy with a 100 year old fame.

RETAIL (Inc. Pur. Tax)	WHOLESALE (Plus Tax)
1/7	11/3 doz.
3/9	27/- doz.
6/3	46/- doz.

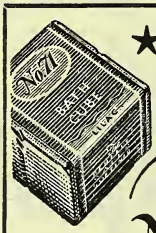
Eade's UNIVERSAL ANODYNE

Another Eade's product always in demand.

RETAIL (Inc. Pur. Tax)	WHOLESALE (Plus Tax)
1/7	11/3 doz.
3/9	27/- doz.



EADE'S PILLS LTD.
(Dept. C. & D),
232 Goswell Rd.,
LONDON, E.C.I.
Clerkenwell 3370



★ NATIONALLY ADVERTISED

No.71 perfumed BATH CUBES

Make your counter pay dividends by displaying these attractively packed Bath Cubes

RETAIL PRICE **3½d.** per cube
1/9d. packet of 6 cubes (assorted perfumes)

Generous profit margins

G. HAVINDEN LTD.

71 BAKER STREET, LONDON, W.1

Potter's Pharmaceutical

Soaps and Germicides

SAPO MOLLIS B.P. VIRID. SAPO MOLLIS B.P.
SAPO MOLLIS COMMERCIAL

TYRO-LOL GERMICIDE
Three times stronger than Carbolic Acid.
Non-poisonous and non-irritating

Particulars and Prices of these and similar preparations on request

POTTER & CLARKE LTD.

60-64 Artillery Lane, LONDON, E.1
Phone: BIShopsgate 4761. Grams: Horehound, Phone, London
and
77 Dantzic Street, MANCHESTER 4
Phone: Blackfriars 8734 Grams: Horehound, Manchester

INTRODUCING THE CONTACT MODEL

Infradyser

The saf easy-to-us lamp for infra red treatmen

● This new Contact Mode fradyser is for the infra-red t ment of rheumatism, spr backache, etc., and for other c plaints under medical supervi

This lamp is safe and economical. Consumption is 25 w and it can be plugged straight into any convenient ele point. The heat never exceeds a comfortable maximun is uniform, and there is no risk of burning. The hyperac induced may last up to 4/5 hours.

This is a new and interesting line for chemists, an reasonably priced at £2.18.9d. (inc. 11/9d. Purchase T Literature and display material available. State voltage w ordering.

AEROSOLS LTD

65, OLD BROMPTON ROAD, LONDON, S.

Telephone: KENsington 7495

Leslie Marks & Company Ltd.

3/9 EARLHAM STREET, CAMBRIDGE CIRCUS
LONDON, W.C.2

invite you to visit their exhibit of

MARKSMAN BRAND

SPONGES

on

STAND 78

at the

CHEMISTS' EXHIBITION

THE CENTRAL HALL
WESTMINSTER
SEPTEMBER 19th—23rd

If you have not received an Admission Pass, send us a Postcard or Telephone Temple Bar 6135/6

VELOUTY is nationally advertised again. Increase *Your* sales of Velouty. Send today for Showcards and Display Material, giving the address of your Wholesaler.

Shades: Ivory and Natural. Prices 11½d. and 1/9½ (inc. Tax)

VELOUTY

The ORIGINAL combined Powder-Cream de DIXOR

DIXOR LTD. ST. LEONARDS WORKS, MORTLAKE, S.W.1

stands out

n

RELIEF

'TABLOID'
BRAND
'EMPIRIN'
TRADE MARK
COMPOUND

"Eye-appeal with buy-appeal" is the keynote of 'Empirin' Compound display material. The distinctive showcard and display outer (for the 25 pack), on your counter or in your window, will focus attention on this safe, quick acting analgesic. 'Empirin' Compound is available in cartons of 25 (strip packing) and in bottles of 100. The attractive bonus offer consisting of 14 to the dozen on six dozen assorted lots or thirteen to the dozen on three dozen lots is still open to you. Doctors, dentists and nurses are being detailed on the advantages of 'Empirin' Compound.

BURROUGHS WELLCOME & CO. *(The Wellcome Foundation Ltd.)* **LONDON**

(T.49a) P.A.T.A

QUALITY ENDURES
TRADE MARK
ESTABLISHED 1794

"Dr. JENNER'S ABSORBENT LOZENGES"
TRADE MARK BRAND
Digestive Tablets
The proved specific for digestive disorders is "Dr. Jenner's Absorbent Lozenges." Discovered 150 years ago by the great pioneer of vaccination, this is one of the very few proprietary medicines regularly prescribed by General Practitioners and by Specialists.

"MEDILAX"
TRADE MARK BRAND
Laxative Pellets
Meeting the need for something more persuasive than ordinary laxatives. "Medilax" is imperative without being discomforting and, unlike drastic purgatives, does not induce a subsequent state of constipation which is often more acute than the first.

"MORYL"
TRADE MARK BRAND
Carbachol
Powerful parasympathetic stimulant.

"TETRONOX"
TRADE MARK BRAND
Tablets
Reliable, hypnotic and sedative.

MARTINDALE
"E·S·T·P"
TRADE MARK BRAND
Ether-Soluble Tar Paste
An advance in coal tar therapy. Of particular value in eczema of all forms.

MARTINDALE
"STERULES"
TRADE MARK BRAND
Wide range of products for injection.

SQUIBB
"QUINOLOR"
TRADE MARK BRAND
Compound Ointment
Tissue-repair promoting Antiseptic.

Full details on request to :—
Savory & Moore, Ltd.
Chemists to The King
Lawrence Road, Tottenham, N.15

A word in your ear..

Three main reasons for the high reputation of 'Oxoid' Therapeutical Preparations are—Constant research and development of new techniques; complete technical control at all stages of manufacture; and, last but not least, a particularly rapid delivery service. The latter ensures that your orders, by telephone, letter or telegram, are despatched the day they are received.

The many 'Oxoid' preparations include—Synthetic Hormones, Vitamins, Anti-anæmic and Glandular Preparations.

OXO LIMITED
(Medical Dept.)
THAMES HOUSE
QUEEN ST. PLACE
LONDON, E.C.4
Telephone :
Central 9781

The

CHEMIST AND DRUGGIST

for RETAILER—WHOLESALER—MANUFACTURER

AUGUST 27, 1949

Published weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Estrand, London."

e copies 1/- each. Annual subscription, which includes The Chemist and Druggist Diary and Year Book, 30/-

No. 3627 Volume CLII

CONTENTS

BCG Trials ... 276
Births ... 271
Business Changes ... 273
Coming Events ... 291
Company News ... 270
Correspondence ... 291
Deaths ... 271
Editorial Articles:—
Issues Solved and Unsolved ... 283
Narcotics Control ... 284
July Exports ... 285
A Landmark in Biochemistry ... 285
English Herb-farm (pictures) ... 280
Fifty Years Ago ... 296
From Bear's Grease to Lightheart 286
Information Wanted ... 282
International Biochemistry Congress 275
Legal Reports ... 268
Local News ... 267
Marriages ... 271
News of the Week ... 265
Overseas News ... 267
Personalities ... 271
Pharmaceutical Society of Great Britain:—Council Meeting ... 277
Poisons Law, 1935-49—4 ... 289
Postage-stamp Personalities—5 ... 279
Revised List of Tax-free Drugs ... 288
Surgical Dressings Prices ... 274
Topical Reflections ... 269
Trade Marks ... 296
Trade Notes ... 272
Trade Report ... 292
Visit to a Herb-farm at Harvest-time 279

NEWS OF THE WEEK

Poliomyelitis Increase. — Notifications poliomyelitis in England and Wales in week ended August 13 totalled 236—increase of seventy-two over the pre-us week.

Retail Trade in June—Weekly sales in e by large-scale retailers of chemists' es were 8 per cent. higher compared n a year earlier. All parts of Great ain experienced increases, which ged from 2.8 per cent. in Scotland to per cent. in suburban London. Stocks cost at the end of June were 8.4 per t. more than at the corresponding e in 1948. Turnover by independent ail chemists was also 8 per cent. higher n in June 1948.

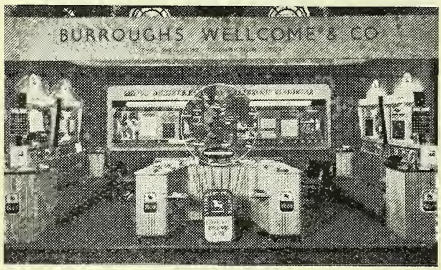
British Standards Institution. — The ual meeting of the British Standards titution was held in London on July Lord McGowan, in a presidential dress, referred to the greatly increased erest shown in voluntary standards dur- the previous year by industry and vernment. Mr. Roger Duncalfe (chairman of the Institution), said that Government and industry had agreed to effect industrial standardisation through the B.S.I., and that "industry" included all the great professional institutions. Sir William J. Larke was elected the new *President*.

N.H.S. Employees. — The Whitley General Council has agreed to allow expenses to employees (within the scope of the Whitley Councils for the Health Services) who are candidates for other posts in the National Health Service or in the service of a Local Health Authority. Also, where a National Health Service employee secures promotion within the service of his employing authority, and the appointment requires the removal of his home, the cost of removal will be met by the new employing authority (providing an estimate of the cost has first been approved). Particulars are given in the General Council Circular number six.

Branch Representatives' Meeting.—The agenda for the Pharmaceutical Society's Branch Representatives' meeting to

be held at Blackpool on September 15 (see *C. & D.*, August 20, p. 243) consists of an address by the chairman (Mr. H. Clement Shaw), and the following four papers: 1. "Hospital Pharmacy," by Miss Mary C. Islip (a member of the Society's Council and chief pharmacist, Paddington Green Children's Hospital, London); 2. "The Work of the Society's Library," by Miss Agnes Lothian, Ph.C., A.L.A. (Society's Librarian); 3. "The Work of the Society's Law Department," by Mr. W. R. Roberts, Barrister-at-Law (the Society's chief inspector); and 4. "The Work of the Society's Publications Department," by Mr. W. K. Fitch (the Society's publications manager and editor of the "Pharmaceutical Journal").

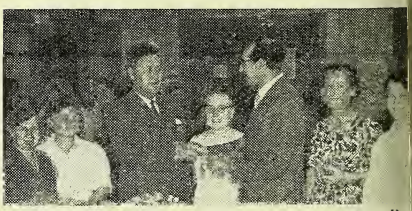
Exhibition and Outing.—At an exhibition organised in London recently by the International Veterinary Congress (see *C. & D.*, August 13, p. 223), exhibitors included Roussel Laboratories, Ltd. (showing Zoo-Sterogyl); Willows, Francis, Butler



Stand of Burroughs Wellcome & Co., at the Veterinary Exhibition.

& Thompson, Ltd. (showing drugs, biologicals, etc.); Imperial Chemical (Pharmaceuticals), Ltd. (showing Anavenol, a new anæsthetic; Antrycide for control of animal trypanosomiasis; Cetavlon udder cream, etc.); Burroughs Wellcome & Co. (Wellcome brand penicillin intramammary injection; Lutormone for treatment of infertility; dimidium bromide, a trypanocidal agent, etc.); Bayer Products, Ltd. (a selection of their range of chemical products and recently introduced sera and vaccines); International Serum Co., Ltd. (biological and penicillin products); Abbott Laboratories (England) Ltd. (Nembutal, Metaphen, etc.); Reckitt & Colman, Ltd. (Dettol, Dettol cream, etc.); and C. J. Hewlett & Son, Ltd. (Anæsco ear drops and injection, etc.). Cooper, McDougall & Robertson, Ltd., exhibited a large
play map indicating overseas branc
agencies, and illuminated photograph
research work at the Cooper Techr
Bureau; May & Baker, Ltd., displa
M. & B. 693 for domestic animals, p
amidine preparations, Dicestal (a
anthelmintic); and Glaxo Laborato
Ltd., showed procaine penicillin G ve
inary cerate, etc. On August 16 and
150 delegates to the Congress visited
Wellcome Veterinary Research Statior
Frant, Sussex. They were welcomed
Dr. R. F. Montgomerie, the compa
director of veterinary research, who
lined the functions of the station. A
luncheon the parties toured the est
where many demonstrations were stage

Drug Tariff.—The latest (May) issue
the Drug Tariff, recently circulated, c
tains seventy-eight pages—ten more t
the January issue which preceded it.
increase is partly accounted for by ac
tional headings (aquæ, acidæ, injectio
etc.). Penicillin preparations appear un
their respective headings. Amyl nitrite c
sules for inhalation appear under vitrel
together with two additional produ
vitrell. octyl nitrit. and vitrell. trichlo
æthylen. New groups are also made
applicationes, oculenta, pastilli and p
menta. The increase, however, is mai
the effect of the National Formulary, 19
which contains many more medicame
than its predecessor (among them fifty-c
additional injections and thirty-four ad
tional tablets). Other additions are appli
tions (4); capsules (2); creams (5); eye oi
ments (6); pastilles (7); paints (5); elix
(2); solution tablets (8); lozenges (3); oi
ments (4). The seven plasters of the p
vious Tariff are among the few deletio



Mr. E. J. Moseley, *chairman and managing dire tor, F. W. Hampshire & Co., Ltd., Sunnydal Derby, making presentations in recognition twenty-five years' service with the company Mr. W. H. Watkin, sales manager, and oth members of the staff, recently.*

(*Photo: "Derby Evening Telegraph"*)

LOCAL NEWS

ristol Chemists' Half-day.—The Bris- Health Committee were told on August at local chemists were having to con- ene the Shops Acts to provide an quate service to the public. The chief ector under the Acts said that staffs in e chemists' shops were not getting their per half-days off because the employers to open for periods on early closing , Sundays and public holidays under rota scheme. A pharmacist had ght the subject to a head by demand- action to ensure that he was given proper half-day off. The committee ded to defer the matter for three ths to await a ruling from the Ministry ealth.

ut-of-hours Dispensing at Ferring.— Chemists' Hours of Service Com- ee reported to the West Sussex Execu- Council on August 4 that chemists in ing would take different half-days and n in rotation on Sundays. Thus at least chemist will be available on every day he week. The Committee have also ed to a local doctor who complained he was unable to obtain medicines in mergency. They say: "However good normal service provided, an emergency as the one referred to might arise in h the chemist was not available, or that he did not have the particular required. We feel that no definite on is at present called for on what is arently an isolated case."

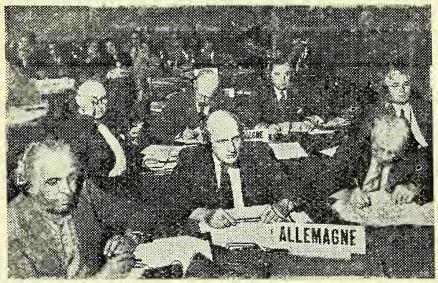
OVERSEAS NEWS

ndia's Ergot Production.—Since the ernment of Madras Agricultural De- ment inaugurated a plan in 1943 for easing the production of ergot, 5 lb. has been collected. Research by Department has increased the alkaloid ent to nearly 0.45 per cent. under rolled conditions.

olish Chemical Industry Expansion.— s for the further development of the sh chemical industry, within the coun- six-year economic plan, were pub- ed recently. They provide for a 149 cent. increase in production on the out figures for the current year. Pro- ion of pharmaceutical products is to increased five-fold by 1955, when nd's requirements of most drugs and licines, including penicillin, will be met n domestic sources.

S. African Pharmaceutical Imports.— The South African Minister of Economic Affairs has accepted the offer of the Medical Association of South Africa to appoint a medical advisory committee to advise the Director of Imports and Exports on essential medical supplies. When announcing this, the president of the Medical Association said the medical advisory committee would be responsible for technical decisions on the need for medical supplies.

W.H.O. Executive Board.—Sir Arcot Mudaliar, India, was elected *Chairman* of the executive board of the World Health Organisation at the opening meeting of the board's fourth session in Geneva recently. Drs. Jose Zozaya, Mexico, and H. S. Gear, South Africa, were elected *Vice-chairmen*. The board decided to increase by $50,000 the sum allocated for 1949 to finance an attempt to assess the value of BCG vaccine against tuberculosis that is now being carried out at Copenhagen in connection with the International Tuberculosis Campaign (the allocation was originally fixed at $100,000). The executive board also decided to continue on a permanent basis the daily epidemiological broadcasts from Geneva, and to approve for international use the yellow-fever vaccine produced by the Pasteur Institute, Paris. A proposal that W.H.O. should establish common, internationally recognised names for newly-discovered habit-forming and other drugs in universal use was adopted by the board during the session. The director-general is to present detailed proposals.



GERMAN DELEGATES AT W.H.O.—*For the first time German delegates took part (as observers) in a recent meeting at Rome of the World Health Organisation of the United Nations. Among the delegates are Dr. H. Loewenstein (leader of the Health Service, North Rhine Westphalia) and Dr. Seiffert (leader of the Health Office, Bavarian Ministry of the Interior).*

LEGAL REPORTS

Alleged Forged Prescriptions. — At Harrogate magistrates' court, recently, Mrs. Jean Steinbach, Knaresborough, the wife of a local doctor, was charged with having obtained supplies of pethidine tablets by forging prescription forms belonging to her husband. She was put on probation, a condition being that she should continue to undergo treatment for addiction in a York institution.

Lozenge or Tablet? — The difference between a tablet and a lozenge was the point at issue in a case at Blackburn magistrates' court on August 10 when Verva, Ltd., High Path, London, were summoned for selling Brompton lozenges not of the substance and quality demanded. The case was brought at the instance of the medical officer. The Corporation's solicitor, who conducted the prosecution, said that on June 14 a sampling officer of the Corporation called at the shop, 54 Copy Nook, Blackburn, asked for some Brompton lozenges and was served with six packets labelled "Merton Brompton tablets." The prosecution sought to prove that they were lozenges. The analyst's report showed that they contained 80 per cent. calcium carbonate. The sampling officer, replying to questions, said the packages were in a showcase behind a card marked "lozenges." He did not see the box they were in. If he had seen the box or packet he would have had no doubt that what he was buying were something described as Brompton tablets. Mr. Rowland Ridehough, a partner in Platt & Co., the firm from whose premises the purchase was made, said he bought the tablets from Verva, Ltd. He did not know what their composition was, apart from the formula on the printed label. "The formula on the label is quite clear. Did you bother reading it or not?" he was asked. "No, there are quite a lot on sale in the town." "When they came to you they were in a box described as 'Brompton tablets' and that is what you thought you were buying?" "Yes." "You put on the label 'Brompton lozenges?'" "Yes, to clear them out." "Do you, in fact, know the difference between tablets and lozenges?" —"No." A public analyst said that, on his analysis of the articles, he decided they were a medicated lozenge devoid of sugar and containing calcium carbonate. A tablet was defined as a compressed drug or mixture of drugs, and a lozenge wa medicament with a base, as distinct fr a drug. To the general public there no difference between the words "lozeng and "tablet" but technically there was lozenge had a large proportion of s stance with no particular medicinal qu ties, which acted as a base for the me cine. A tablet was essentially a mixture drugs compressed into tablet form. T analysis showed 80 per cent. comm chalk. He did not consider chalk a suita constituent for a cough lozenge. A lozen must have a sugar base. A tablet and lozenge were entirely different thin They were submitted to him as samples Brompton lozenges. The latter were a w known product but he did not know o Brompton tablet. Defending solicitor su mitted that his clients had no case answer. Nothing could be clearer than description on the box produced that th were Merton Brompton tablets. The co plaint against the firm was not that tablets were deleterious. The compla was that they were not Brompton lozeng The prosecution had completely failed prove that his clients had ever pretend in any way that those were Brompt lozenges. They had had clear evidence th they were delivered as tablets, in a b labelled tablets. For some reason, which he had no justification, the sell without knowing the difference between lozenge and a tablet, and neither knowi nor caring what was in them, took it his shoulders to describe them as "Brom ton lozenges." That was the default Messrs. Platt and not a matter for whi his clients were responsible. The cha man said the Bench upheld the argume of the defence, and dismissed the ca awarding the sum of £5 5s. costs to t defendants.

Put on Probation. — At Marylebon London, police court on August 1 Gwilym Hirwaun Elias, M.P.S., Londo S.W.4, was put on probation for twel months. He had been charged with stea ing sums of money from Timothy Whit & Taylors, Ltd., by whom he was en ployed as manager at Camden Town. detective-inspector said Elias had repa the money over a period. A representati of the company said they were prepar to keep defendant in their employ if certain course were adopted.

TOPICAL REFLECTIONS

H.S. Dispensing Flutter

It is possible to make too much of the ent article which has evoked a state- nt from the Minister of Health and a cular from the secretary of the National armaceutical Union (p. 247). Everyone ows that flimsy notions find their way o newspapers which cater for a "popu- " *clientèle*. I suggest that whatever is ne to counter the ludicrous suggestion multiple errors in dispensing should be ne with restraint and good humour. A tin proverb tells us that an eagle does t catch flies. It would have been more isfactory if in the official statement the mber of charges against panel chemists d been averaged over a five-yearly or -yearly period. As only one year (1932) s been selected in this connection, ffers may say that this was a year with v such charges, while your readers may nder whether it was a year with many. a matter of fact, the number of cases which disciplinary action was then en (227) was higher than usual. For next five years the corresponding mbers are 184, 179, 175, 119, 161, lding an average of 163.6. It might o have been explained that these cases lude charges other than those of in- urate dispensing. In our world there are ays people ready to believe the worst each other. When the first National alth Insurance Act was about to come o force, I was told by a polite civil vant that cases of substitution in dis- sing would quite probably occur. From t day to this the dispensing of "nat- al" prescriptions has come with credit ough routine tests. Details of methods testing are, of course, frequently under utiny by the N.P.U. Executive.

racelsus as Prescriber

The complex personality of Paracelsus is strated afresh in "Mummy in Paracel- n Pharmacy" (pp. 254-56). Like other nous men who could be named, his ntal make-up included an element of the rlatan. When he committed ideas to ting, this element sometimes took the m of boasting about his originality and rying other practitioners of medicine in lent terms. Undoubtedly he was a racter. Browning's conception of him s about as erroneous on one side as that contemporary detractors was on the other. His best claim to remembrance is that he was a tireless experimenter in iatro-chemistry. The contributor of the article referred to quotes a sound comment on the effect of the small doses needed for iatro-chemical medicines compared with average doses of Renaissance galenicals. One cannot help wondering whether, considering the state of chemical knowledge existing before 1541, all the patients of this bold innovator took his remedies without any ill effect. His influence may be traced in the fondness of chemists of the sixteenth and seventeenth centuries for specifics. In 1597 John De la Bere of Oxford mentioned, in a letter to a nephew, "those Specifica medicamenta, which were promysed . . . by your London Chymyst." In 1674 Richard Fletcher and Nathaniel Merry, "Professors of Chymical Physick in London," issued a pamphlet setting forth the virtues of four of their specifics. George Wilson followed on similar lines in 1686.

A Distinctive Pharmacy

The proprietor of the shop illustrated on p. 257, Mr. Stanley Barter, is fortunate in possessing so distinctive a pharmacy in the old-world town of Rye. Only a few towns and villages stand higher, I think, in the list of places eligible for literary pilgrimage. In 1898 Henry James, then about fifty-five years of age, acquired the Rye property known as Lamb House; and though he preferred London in winter most of his later novels and essays were written or dictated in his country home. Thither went many visitors of contemporary fame —his brother William James, H. G. Wells, Mrs. Humphry Ward and a stream of lesser stars. From the reminiscences of some of these guests an entertaining book has been compiled. More than one contributor has noted the impressive charm of James's conversation—the many pauses, the long search for the exact word wanted, the building up of a characteristic sentence. On his seventieth birthday almost the whole of contemporary English literature was represented in a gift to him: this, in allusion to the title of one of his novels, was a golden bowl. Shortly before his death in 1916 he contributed to a weekly journal a moving account of the arrival of Belgian refugees in the South of England; and though in failing health he visited wounded men in hospitals.

Xrayser

NEW COMPANIES

Leslies (Chemists), Ltd. (P.C.).—Registered in Edinburgh. Capital £2,000. To carry on the business of wholesale and retail chemists and druggists, opticians, etc. First directors are not named. R.O.: 118 Houston Street, Glasgow.

R. & J. Herman, Ltd. (P.C.).—Capital £5,000. To carry on the business of manufacturing and dispensing chemists and druggists, etc. Cecil Parker and Muriel A. R. Parker, directors. R.O.: 199 Piccadilly, London, W.1.

Collins & Jervie (Amersham), Ltd. (P.C.).—Capital £1,000. To carry on the business of manufacturing and dispensing chemists and druggists, etc. Hannah M. Valentine and Dorothy M. Fry, M.P.S., directors. R.O.: 6 Sycamore Road, Amersham, Bucks.

Talbots Bottlers (Gloucester), Ltd. (P.C.).—Capital £15,000. To acquire the business of manufacturers of mineral waters and bottlers carried on at Gloucester as Talbot & Co. Lionel J. Talbot, Charles R. Talbot and Ethel S. Talbot, directors. R.O.: Commercial Road, Glos.

Pascal Lorriaux (London), Ltd. (P.C.).—Capital £5,000. To carry on the business of manufacturers of, and dealers in, cosmetic and perfume containers, vaporisers, perfumes, cosmetics and toilet preparations, etc. Leslie M. Slot and Sidney G. Robson. 7 Aberdeen Road, London, N.W.10, directors.

F. H. Bursell (Chemists), Ltd. (P.C.).—Capital £6,500. To carry on the business of manufacturing pharmaceutical and general chemists, etc. Frederick H. Bursell, M.P.S., Albert E. Mitchell, M.P.S., and Ronald G. Williams, directors. R.O.: 4 Carlton Terrace, London, E.7.

Company News

Stephen Smith & Co., Ltd.—Trading profit for the year ended April 30 amounts to £93,736, against £151,162 in the previous year. Dividend on ordinary shares is maintained at 15 per cent., less tax.

F. W. Hampshire & Co., Ltd.—Subject to consent of the Capital Issues Committee, the directors propose a bonus issue of two A ordinary shares for every ordinary share held and two A ordinary shares for every A ordinary share held (Corrected announcement).

A. F. Sherley & Co., Ltd.—Net p for the year ended March 31 amoun £7.519, against £6,782 in the pre year, and £3,560 (£3,378) is brought ward. Dividends paid (less tax), as lows:—8 per cent. cumulative prefe ordinary shares, £4,400 (same); defe shares, nil (£2,200). The sum of £6 is carried forward.

Prichard & Constance (Manufac ing), Ltd.—Net profit for the year e March 31 amounts to £39,826 ag £8,466, and £7,909 (£6,593) is bro forward. Dividends paid (less tax) per cent. cumulative preferred ordi shares amount to £4,400 (same), an deferred ordinary shares (1s. 3d. share), £34,375 (£2,750). The sun £8,960 is carried forward.

A. Boake, Roberts & Co., Ltd.— profit for the year ended March 31, taxation, amounts to £80,449 (ag £113,007), plus repayment of E.P £4,798 (nil). Dividend for the year ordinary shares is maintained at 30 cent. by a final payment of 20 per The sum of £349,575 is carried forw against £312,636 brought in. An issue scrip bonus to ordinary shareholders i be considered.

Veno Drug Co., Ltd.—Net profit the year ended March 31 amounts £160,612, against £161,651 in the vious year, and £23,123 (£20,072) brought forward. Dividends paid tax) as follows:—8 per cent. cumula preference shares, £13,200 (same); 12 cent. cumulative preferred ordinary sha £18,150 (same); deferred ordinary sh (1s. per share), £107,250 (same). sum of £20,000 (same) is transferred special reserve and £25,132 is carried ward.

Beecham Maclean Holdings, L —Net profit for the year ended March amounts to £284,322, against £182, in the previous year, and £12, (£9,128) is brought forward. Divide paid (less tax) as follows:—4 per cent. deemable cumulative preference sha £34,028 (£34,295); ordinary shares, p able to parent company, £231, (£129,250). The sum of £16, (£15,631) is transferred to prefere share redemption fund, and £15,795 carried forward.

BIRTHS

AMB. — At 9 Grosvenor Street, Edin-h, on August 13, Mildred Constance, wife of George T. Lamb, M.P.S., nelsinore, 29 Hillview Crescent, Cors-hine, Edinburgh, of a son (David l).

MARRIAGES

IXON—ELSWORTH.—At Caldy, West y, Ches, on August 20, Gilbert Andrew n, M.C., T.D., B.Sc., M.P.S., A.R.I.C. director of Ayrton, Saunders & Co.,) to Shiela Noreen Elsworth.

TREET–LARDER.—At Saltfleetby, Louth, s, on August 18, Arthur Brian Street of Mr. S. C. Street, M.P.S., 13 Corn-ket, Louth) to Rita Mary Larder, Salt-by.

DEATHS

AKER.—On July 21, as a result of a ing accident, Mrs. Muriel Baker, the of Mr. William Henry Baker, M.P.S., Frodingham Road, Scunthorpe.

ROWN.—On July 30, at Glenash, Griff-, Glasgow, Mrs. Mary Bruce, wife of late Mr. William Ritchie Brown, .S.

RANT.—Suddenly, on August 15, Mr. iam Grant, Northern Ireland Minister Health and Local Government, aged -six. Mr. Grant, who began life as an nd boy in a chemist's shop, entered the hern Ireland Government in 1939 and responsible for establishing the Health ice in that territory. He had many tings with the Pharmaceutical Negotia-Committee, and it was his decision Parliament should not be asked to orise dispensing in health centres.

IRST.—On July 5, Mr. Percy Hirst, 10 nford Street, Mossley, Manchester, eighty-five. Mr. Hirst qualified as a nist and druggist in 1889 and was for st fifty years in business in Mossley. n he retired in 1936 the business st & Son) was taken over by Hartleys nists, Ltd., Nelson, Lancs. A son, Mr. ley Hirst, is also a pharmacist.

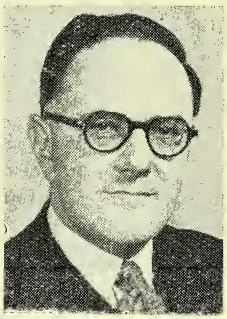
UGHES-HALLETT. — At Brighton, on ust 8, Mr. Ernest Hughes-Hallett, drug hant, Buckhurst Cottage, Telscombe s, Sussex, aged fifty-nine.

ATES. — On August 11, Mr. William nd Yates, M.P.S., 115 Columbia d, Ensbury Park, Bournemouth, Hants, sixty-nine.

PERSONALITIES

MR. F. W. JANE, D.Sc., Ph.D., has been appointed to the London University chair of botany at Royal Holloway College.

MR. T. W. HILL, M.P.S., the newly elected chairman of the Walthamstow Pharmaceutical Association, is manager of a branch of Boots, Ltd., at Walthamstow, London, E.17. He was apprenticed with the company in Ripley, his native town, and has now completed twenty-four years' service with it. After study at Derby Technical College, and the School of Pharmacy, Leicester, he qualified in 1938. While at Leicester he was a joint editor of the College magazine. Before going to Walthamstow he had experience as an assistant with Boots, Ltd., in Kent, Sussex, and the Midlands, and as a manager in Plaistow, London. Mr. Hill is a member of the Essex Pharmaceutical and Hours of Service Committees; has been a Methodist lay preacher for over twenty years; and is interested in the piano, the organ, and country walking.



MR. W. JOHN MERRICK, M.P.S. (publicity manager of Evans Medical Supplies, Ltd.), has been elected to the council of the Liverpool Publicity Association.

MR. A. G. M. MADGE (chairman of the Plymouth Branch of the Pharmaceutical Society) has been installed Master of Charity Mark Lodge of Freemasons.

MR. H. CLEMENT SHAW (president of the Pharmaceutical Society) is to represent the Society on the newly-formed council of the International Pharmaceutical Federation.

MAJOR G. A. NIXON, M.C., T.D., M.P.S., a director of Ayrton, Saunders & Co., Ltd., has obtained his B.Sc. (London) with second class honours in chemistry. Mr. Nixon was the Bell Scholar, 1938.

MR. H. N. LINSTEAD, O.B.E., Ph.C., M.P. (a secretary of the Pharmaceutical Society) has been appointed *Officier de l'Ordre de la Santé* by the President of France.

TRADE NOTES

Reintroduced Product.—The Curacho Co., 10 Dingwall Road, East Croydon, Surrey, have reintroduced the 3-oz. veterinary Curacho embrocation.

Half-size Pack.—C. Nestlé & Co., Ltd., Branscombe, nr. Seaton, Devon, announce that Alura colour wave-set is now available in 2-oz. bottes (in addition to the previous 4-oz. size) through the distributors to chemists, Dendron Distributors, Ltd., 3 Fleet Lane, London, E.C.4.

New Lipstick Colour. — Luft-Tangee (London) Ltd., 329 High Holborn, London, W.C.1, have introduced a new lipstick, in two sizes, large and medium, under the title Pink Queen. The colour is described as "a delicate warm pink petunia." A counter display card, in colour, is available to retailers upon request.

Baby Hot-water Bottle.—Hytex, Ltd., 304 Latimer Road, London, W.10, invite chemists to obtain from their wholesalers samples and details of the company's Nitey-Nite baby hot-water bottle, which they describe as "in design and surface engraving, the finest baby hot-water bottle in the world."

Heatless Hair Dryer.—C. England & Co., Ltd., Paxton House, 36 Dean Street, London, W.1, are manufacturers of the Turbonette heatless hair dryer. The Turbonette is a specially-designed cap sealed in transparent container and containing "a highly absorbent substance which extracts moisture from the hair."

New Price List. — Coates & Cooper, Ltd., Pyramid Works, West Drayton, Middlesex, have issued a new price list of medical and pharmaceutical products. The list is printed in tabular form, giving the names of the products, indications, dosage, packing, retail price (excluding tax) and purchase tax per unit. Copies are available to pharmacists upon request.

Manufacture in Britain.—Sharp & Dohme, Ltd., West Hill Laboratories, Hoddesdon, Herts, have commenced manufacture in Britain of Cresatin metacresylacetate (Sulzberger), an antiseptic and fungicide with penetrating properties and prolonged action, suitable for use in the treatment of fungoid infections. The product is issued in 1-oz. bottles.

Sodium-free Dietetic Salt. — Antigen Laboratories, Ltd., 95 Great Portland Street, London, W.1, have issued a sodiun free dietetic salt under the name Analc It contains potassium and ammoniu chlorides, potassium and calcium formate and magnesium citrate, and is available sprinkler cartons containing approximate 56 gm. and cartons containing 8 oz.

Competition and Bonus.—Attention drawn on another page to cash priz offered in a Brylcreem window-displa competition by the manufacturers, tl County Perfumery Co., Ltd., Honeyp Lane, Stanmore, Middlesex, who point o that there is also a 10 per cent. displa bonus on all orders of £10 or more or per cent. on orders of £6 or more.

Advice on Factory Building.—A bool let, "Industrial Building," free on reque from any Regional Office of the Ministr of Works, the Ministry of Supply or tl Board of Trade, outlines the contro affecting industrial building (locatio finance and timing) and explains how a industrialist can obtain the help of Goverr ment departments in securing the necessar permissions.

Vitamin B_{12} Solution.—Previously fo the treatment of macrocytic anæmi patients who show intolerance to liv extracts or who have a personal or famil history allergy, The British Drug House Ltd., have made available a solution engstallini vitamin B_{12}, under the nam Anacobin. The solution is issued in an poules each containing 10μ gm. in 1 mi in boxes of three.

Price Increase.—C. J. Hewlett & Sor Ltd., 35 Charlotte Street, London, E.C. state that new increased prices take effec on September 1 for the following special ties of the company:—Formalgar (20 an 90 fl. oz.); Hewlix; Stilbagen (4, 20 an 90 fl. oz.); Stilbagen tablets (25's, 100' 500's and 1,000's); and Tussi Rube (2 and 90 fl. oz.). All are dispensing pack suitably labelled.

Again Subject to Tax.—British Scher ing, Ltd., 167-69 Great Portland Street London, W.1, announce that, owing to th reversal of a former decision by the Cus toms and Excise authorities, the followin preparations are again (from September 1 subject to purchase tax:—Atophan balsam Atophanyl (intravenous and intramuscular) Novatophan powder and tablets (20's)

ynthalin B tablets (60's and 1,000's). om the same date, new prices will perate for Disecron ampoules and vial.

Now Tax-Free.—THE BRITISH DRUG OUSES, LTD., Graham Street, City Road, ondon, N.1, point out that, under the urchase Tax (No. 3) Order, 1949 (see p. 38), Estigyn (ethinyl œstradiol, B.D.H.) is ow exempt from purchase tax; and RITISH SCHERING, LTD., 167 Great Portnd Street, W.1, announce a similar exempon for Ethidol, the British Schering brand ethinyl œstradiol; and ORGANON LABRATORIES, LTD., Brettenham House, ancaster Place, London, W.C.2, for ynoral (ethinyl œstradiol) tablets in all rengths and packings.

British-made Sunscreen. — P. Samuelon & Co., Africa House, Leadenhall treet, London, E.C.3, agents for Nipa aboratories, Ltd., point out that Messrs. ipa are now producing isobutyl paraminobenzoate, which is used as a sunreen agent at a concentration of 1.5 per ent. The compound is understood to posss greater ultra-violet absorption power han menthyl salicylate, which has preously been used in concentrations of 10 er cent. Up to the present it appears to use no allergic reaction in the concenation at which it is used.

Medical Films.—May & Baker, Ltd., agenham, announce that copies of the llowing medical films are available on quest. "Thiopentone Sodium and its Use Intravenous Anaesthesia" (made in coperation with the department of anæsetics, Westminster Hospital, London) unning time, thirty-eight minutes on 5-mm. and 35-mm. sound); "Medical pplications of Sulphonamides" (running me, thirty-four minutes on 10-mm. and 5-mm. sound). Both films are divided into ree sections (dealing with chemistry, harmacology, and clinical use). Applicaons from pharmaceutical and allied roups, specifying alternative dates when ossible, should be addressed to the docuentary film unit of the company, from hom synopses may also be obtained.

Oral Treatment of Schistosomiasis.—Nilodin brand 1-diethylaminoethylamino-methyl thioxanthone, recently introuced by Burroughs Wellcome & Co., 183 uston Road, London, N.W.1, makes ass treatment possible in communities ffering from schistosomiasis. Nilodin, claimed low in toxicity, is given orally. It is effective against *Schistoma hæmatobium* and to a lesser degree against *Schistoma mansoni* infestations. The course of treatment lasts three to six days and no hospital attention is required; a 90 per cent. cure rate was obtained during clinical trials. The product is issued as 200-mgm. compressed, enteric-coated products in bottles of thirty for individual treatment and 500 for mass treatment. Further information may be obtained from the company.

Proprietary Articles Trade Association

Alterations to Protected List (Part 1).—*Allen & Hanburys, Ltd.*, reduced prices, September 1: Haliborange, 5-oz., 27s. doz., 3s.; 40-oz., 177s. doz., 19s. 8d. (exempt from tax).

Potter & Clarke, Ltd., increased prices, September 1: Potter's catarrh pastilles, 11s. doz., tax 33⅓ per cent., inclusive retail price 1s. 9d. Discount of 5 per cent. on six doz. and of 7½ per cent. on one gross in return for window display. Present "group" display terms for Potter & Clarke's products withdrawn on August 31.

Alterations to List (Part 2).—*County Perfumery Co., Ltd.*, No. A 481, Brylcreem, large jar, formerly retailing at 2s. 10d., discontinued.

Modern Electrical Industries (Southern), Ltd., Warmabed de Luxe electric blankets, junior size, 42s. each, tax 33⅓ per cent., i.r.p. £3 9s. 6d.

BUSINESS CHANGES

VISCOUNT LEVERHULME has been appointed advisory director of Lever Brothers & Unilever, Ltd.

MR. H. D. HAIGH, M.P.S., has acquired the business of Cadrones (Chemists), Ltd., 40 Queensway, London, W.2, and will trade as Cadrones, Chemists.

CRESSWELL BROS. & MARKS (International Sponge Importers, Ltd.), International Building, Buck Street, London, N.W.1, are changing their trading name to Cresswell Bros. Sponges, on September 1.

LE CIE DES COSMETIQUES "GRAND SIECLE," LTD., and its associate company, MAURICE CRISTEL, LTD., have removed to 266-68 Battersea Park Road, London, S.W.11 (Telephone: Battersea 1835).

SURGICAL DRESSINGS PRICES

The Surgical Dressings Manufacturers' Association announce that revised prices for surgical dressings come into operation on August 29. The new prices are:—

W.O.W. Bandages, B.P.C.

Packets of 1 doz., not individually wrapped.

	per gross
1 in. x 6 yd.	25s. 11d.
1½ in. x 6 yd.	38s. 4d.
2 in. x 6 yd.	50s. 9d.
2½ in. x 6 yd.	63s. 1d.
3 in. x 6 yd.	75s. 6d.
4 in. x 6 yd.	100s. 3d.
5 in. x 6 yd.	125s. 2d.
6 in. x 6 yd.	150s. 0d.

Individually wrapped, in printed wrappers.

	per gross
1 in. x 3 yd.	17s. 1d.
1½ in. x 4 yd.	29s. 4d.
2 in. x 4 yd.	37s. 10d.
2½ in. x 4 yd.	46s. 1d.
3 in. x 4 yd.	54s. 6d.
4 in. x 6 yd.	103s. 9d.
6 in. x 6 yd.	153s. 5d.

Calico Bandages, Bleached, B.P.C.

Packets of 1 doz., not individually wrapped.

	per gross
1 in. x 6 yd.	33s. 6d.
1½ in. x 6 yd.	49s. 6d.
2 in. x 6 yd.	65s. 8d.
2½ in. x 6 yd.	81s. 10d.
3 in. x 6 yd.	98s. 0d.
4 in. x 6 yd.	130s. 2d.
5 in. x 6 yd.	162s. 7d.
6 in. x 6 yd.	194s. 11d.

Individually wrapped, in printed wrappers.

	per gross
2 in. x 4 yd.	47s. 10d.
2½ in. x 4 yd.	58s. 7d.
3 in. x 4 yd.	69s. 5d.

Calico Bandages, Unbleached, B.P.C.

Packets of 1 doz., not individually wrapped.

	per gross
1 in. x 6 yd.	30s. 10d.
1½ in. x 6 yd.	45s. 6d.
2 in. x 6 yd.	60s. 4d.
2½ in. x 6 yd.	75s. 2d.
3 in. x 6 yd.	90s. 0d.
4 in. x 6 yd.	119s. 6d.
5 in. x 6 yd.	149s. 3d.
6 in. x 6 yd.	178s. 11d.

Individually wrapped, in printed wrappers.

	per gross
2 in. x 4 yd.	44s. 3d.
2½ in. x 4 yd.	54s. 2d.
3 in. x 4 yd.	64s. 1d.

Domette Bandages, B.P.C.

Packets of 1 doz., not individually wrapped.

	per doz.
1 in. x 6 yd.	5s. 11d.
1½ in. x 6 yd.	8s. 10d.
2 in. x 6 yd.	11s. 8d.
2½ in. x 6 yd.	14s. 7d.
3 in. x 6 yd.	17s. 7d.
4 in. x 6 yd.	23s. 4d.
5 in. x 6 yd.	29s. 2d.
6 in. x 6 yd.	35s. 0d.

Individually wrapped, in printed wrappers.

	per doz.
2½ in. x 6 yd.	15s. 0d.
3 in. x 6 yd.	17s. 11d.

Flannel Bandages, B.P.C.

Packets of 1 doz., not individually wra

	per oz.
1 in. x 6 yd.	11s
1½ in. x 6 yd.	16s
2 in. x 6 yd.	22s
2½ in. x 6 yd.	27s
3 in. x 6 yd.	33s
4 in. x 6 yd.	44s
5 in. x 6 yd.	54s
6 in. x 6 yd.	65s

Individually wrapped in printed wrapper

	per oz.
2½ in. x 4 yd.	18s.
3 in. x 6 yd.	33s.

Muslin Bandages, B.P.C.

Packets of 1 doz., not individually wra

	per
1 in. x 6 yd.	18s.
1½ in. x 6 yd.	27s.
2 in. x 6 yd.	36s.
2½ in. x 6 yd.	45s.
3 in. x 6 yd.	54s.
4 in. x 6 yd.	71s.
5 in. x 6 yd.	89s.
6 in. x 6 yd.	107s.

Individually wrapped, in printed wrappers

	per
2½ in. x 6 yd.	48s.
3 in. x 6 yd.	57s.
4 in. x 6 yd.	75s.

Crepe Bandages, B.P.C.

Individually wrapped, each bandage not than 5 yd. fully stretched.

	per
2 in.	12s.
2½ in.	15s.
3 in.	18s.
3½ in.	21s.
4 in.	24s.
5 in.	30s.
6 in.	35s.

Fast-Edge Bandages, Bleached.

Not individually wrapped.

	per
1 in. x 6 yd.	5s.
1½ in. x 6 yd.	6s.
2 in. x 6 yd.	9s.
2½ in. x 6 yd.	11s.
3 in. x 6 yd.	13s.
4 in. x 6 yd.	17s.

Triangular Bandages, Unbleached, B.P.C.

36-in. sides, 51-in. base.

	per
Packets of 1 doz.	91s.
Individually wrapped	96s.

38-in. sides. 54-in. base.

Packets of 1 doz.	101s.

W.O.W. Bandages, Hospital Quality.

Packets of 1 doz., not individually wrap

	per g
1 in. x 6 yd.	14s.
1½ in. x 6 yd.	21s.
2 in. x 6 yd.	27s.
2½ in. x 6 yd.	34s.
3 in. x 6 yd.	41s.
4 in. x 6 yd.	54s.
5 in. x 6 yd.	67s.
6 in. x 6 yd.	80s.

(*to be concluded*)

NTERNATIONAL CONGRESS OF BIOCHEMISTRY

HE first International Congress of Bio-emistry was held in Cambridge, August -25, under the chairmanship of Profes-r A. C. Chibnall. Over 460 papers ere read. Those of pharmaceutical im-ortance included a paper by MR. LARSEN d colleagues, Copenhagen, Denmark, on e cause of the increased formation of etaldehyde from alcohol in animals eated with Antabuse. From experiments rabbits they concluded that the acetal-hyde formation took place in the liver d was due to retarded combustion of cohol.

DR. F. WOKES and colleagues, King's ngley, England, in a paper on the bio-emistry of germination, compared the ss in weight of seeds during the early ges of germination (malting loss) with e changes in content of certain B vita-ins, in a number of species. Riboflavin as found to increase greatly during ger-ination in all species studied. Nicotinic id increased during germination in aize, oats, rice and soya, but not in bar-y, peas and wheat. Biotin was produced the germination of oats and maize, and eurin did not change significantly in any ecies studied. The observed increases in vitamin content were smaller than those und by American workers. The authors ggested that the function of anti-enzymes d anti-vitamins in ungerminated seeds ght be to delay germination until con-tions were favourable.

ochemistry of Anæmia

Vitamin B_{12} and related factors were e subject of a number of papers. DR. . E. J. CUTHBERTSON, Greenford, Eng-nd, described methods of estimating the ctors, using a combination of partition romatography and plate assay. MR. EST and colleague, New York, U.S.A., scussed the relationship between vitamin 2 and other crystalline substances with ti-pernicious-anæmia activity:—thymine d pteroyl-glutamic acid. They reported at a normal blood picture was restored eleven patients with Addisonian per-cious anæmia treated with crystalline tamin B_{12}. Five patients with combined stem disease had shown marked improve-ent.

MR. D. P. CUTHBERTSON, Aberdeen, Scot-nd, discussed the significance of trace etals in anæmia. Deficiency of copper in sture was frequently characterised in rumi-nants by wasting and anæmia. Swayback was a symptom in lambs born of mothers pastured on copper-deficient land. Studies with radioactive cobalt in ruminants in-dicated that when the element was given by mouth it was absorbed only slightly, though sufficiently to restore the normal liver content. Given parenterally it was inactive, even though secreted in part in the bile. The margin between deficiency and toxicity of cobalt was narrow. DR. LESTER SMITH and colleagues, Greenford, reviewed the chromatographic method of isolating vitamin B_{12} from ox liver. The compound contained 4 per cent. of cobalt, indicating a molecular weight of 1,500 for the dried substance. MR. K. FOLKERS, Rahway, New Jersey, U.S.A., said that crystals of vitamin B_{12} did not melt below 300°C. Sources of the vitamin other than liver were being sought, and there was evidence that crystals isolated from *Streptomyces griseus* were identical with vitamin B_{12}.

A New Hypotensive Factor

A method of isolating a new factor (bradykinin), released from plasma globulin by the action of certain snake venoms (from *Bothrops jararaca*) and by trypsin, was described by MR. ROCHA E SILVA and colleagues, Sao Paulo, Brazil. The material, which had been shown by partition chromatography on paper to be a polypeptide, produced a sharp fall in arterial blood pressure when injected intravenously into cats, dogs and rabbits.

MR. W. H. PEARLMAN, Philadelphia, U.S.A., listed eight hormone products he had isolated from bile. He concluded that liver played a significant rôle in the metabolism of steroid hormones, as well as serving as an organ for excreting the hormones or closely related products.

A means of proving the presence in small quantities of blood of a temperature-regulating hormone ("heating hormone") had been elaborated by MR. G. MANSFELD and colleagues, Budapest, Hungary, The test was based on the observation that the oxygen consumption of the red blood corpuscles of the duck, measured in a Warburg apparatus, showed a strong increase (often more than 100 per cent.) after addition of the serum of cooled animals or of the thyroid gland. MR. G. A. D. HASLEWOOD, London, England, showed that "pregnanediol-like glucoronide" isolated

from male urine contained an androsterol (Δ_{16} androstene-3(α)-ol) though the proportion of the compound was uncertain.

The action of antibiotics was the subject of a number of papers. MISS JUNE LASCELLES and colleagues, Oxford, had investigated the inter-relationships of para-aminobenzoic acid and pteroylglutamic acid in relation to sulphonamide action. MR. K. C. WINKLER, Utrecht, Holland, discussed non-competitive sulphanilamide antagonists. MR. P. D. MITCHELL and colleagues, Cambridge, suggested from their observations that the disturbance of the balance of purine-containing substances was one of the first effects of penicillin on *Staphylococcus aureus*.

The biochemistry of antibiotic production was also dealt with by many authors. MR. R. H. BOWERS, Manchester, England, discussed the effects of agitation and aeration on the respiration of *Penicillium chrysogenum* and its production of penicillin. MR. M. LUMB, Nottingham, stated that incomplete information about the chemistry of antibiotic fermentations still hindered progress. Three types of investigations on the problem were of importance: those which (1) threw light on requirements for maximum growth of the organism; (2) indicated conditions under which best yields of the right antibiotics were formed; and (3) provided information relating to the conditions under which the antibiotics once formed were most stable, active and easily isolated.

Discussing the action of anti-thyroid drugs MR. R. PITT-RIVERS, London, England, said that that of the thiocarbonamides had a simple chemical explanation. It had been shown, for example, that the thiols were all extremely reactive towards iodine, being oxidised to disulphides or sulphates while iodine was reduced to iodide; the presence of those drugs in the thyroid would maintain iodine in the reduced form, whence it would not be available for the iodination of tyrosine. Such an explanation could not so easily be applied to the sulphonamide group of anti-thyroid drugs, since those reacted slowly with iodine at a *p*H at which tyrosine was rapidly iodinated. Those compounds were nevertheless antioxidants and had been shown to inhibit the formation *in vitro* of thyroxine derivatives from diiodotyrosine derivatives.

The isolation of 1-*nor*-adrenaline from cattle adrenals, where it had been found to occur with *l*-adrenaline in the approximate proportion 1:4, was described b MR. S. BERGSTROM, Lund, Sweden.

In researches on cancer chemotherap MR. E. CRUZ COKE, Santiago, Chile, foun that an anti-vitamin E, tricresylphosphat retarded or completely arrested the growt of sarcoma in rats according to the do and the period of time during which was administered. The effect appeared t be directly related to the clearing of th active tissues of vitamin E, and the pr vention of the resynthesis of desoxyribo nucleic acid, by the anti-vitamin.

Honours for Congress Members

At a ceremony at Cambridge Unive sity during the Congress meeting, th following distinguished members of Co gress received honorary degrees:—Lor Addison; Professor C. F. Cori, Washing ton University School of Medicine (fo studies on enyzmes and insulin); S Charles Harington, director, National In stitute for Medical Research (for invest gations on the thyroid gland); Professo A. Tiselius, Royal University of Uppsala and Dr. Jacques Tréfouël, director of th Pasteur Institute, Paris.

BCG TRIALS

THE Minister of Health has decided t provide facilities for the use in Britain, o a limited and controlled scale, of BC vaccine against tuberculosis. His medica advisers consider that the treatment war rants a trial. As part of the scheme, al hospital nursing staffs are to be offere inoculation, and a medical assessment o BCG over a considerable period is planned In addition, the vaccine will be made avail able to chest physicians in England an Wales who are prepared to use it on thei own responsibility. The material require for the scheme will be provided free b the Ministry. As the vaccine has to b imported by air from Copenhagen an used within a short time after arrival, i will not ordinarily be possible to provid the material at short notice. Requisition for the amount required should be sent (a least a month in advance) to the Ministry of Health, Supplies Division 1 (BCG) Whitehall, S.W.1, stating (1) the name an address of the hospital at which the BC will be required; (2) the name of the con signee; (3) the date when it will be used and (4) the number of persons to b inoculated. More detailed informatio about supply is to be given later.

HARMACEUTICAL SOCIETY OF GREAT BRITAIN

IE Council of the Pharmaceutical Society Great Britain met in London on August and 10, the president (Mr. H. Clement aw) in the chair. A letter was read from e Pharmaceutical Society of South rica, thanking the Society in Great Brit- n for its friendly gesture in sending a legate to its fourth annual meeting in urban, and Mr. C. W. Maplethorpe for s presence and address there.

H.S. (Amendment) Bill

The Council received a report that it d not been found possible to secure icial support for any amendment to the ational Health Services (Amendment) ll which would achieve the object aimed by the amendment put forward by Mr. nstead in Committee, and withdrawn on e Minister's assurance that the matter ould be further considered. As an alter- tive, Mr. Linstead had put down a new ause for consideration at the Report age in the following terms:—

"(8) In any regulations applying to persons undertaking to provide pharmaceutical services and relating to the investigation of complaints, the holding of inquiries or the making of appeals, where the circumstances appear to call in question the conduct of a pharmacist who is not himself a person undertaking to provide pharmaceutical services, provision shall be made for securing to that pharmacist such opportunity of appearance, audience, calling witnesses and producing evidence as he may require in order to establish his conduct in relation to the complaint."

It was reported that a deputation had aced before the Ministry of Health the ouncil's views on the advertising of dis- ensing services.

A document giving the Society's views n certain technical pharmaceutical aspects f health centre organisation, prepared in esponse to a request for advice received om the Standing Pharmaceutical Advis- ry Committee of the National Health ervice, was approved.

ifts to the Society

THE PRESIDENT reported that Mr. P. . Chen, (secretary and afterwards presi- lent of the Pharmaceutical Society of hina) who was studying pharmaceutical onditions in Europe, had presented to the ociety on behalf of his Society an enamel- ed brass vase in token of appreciation for elp with the supply of books given in war time. The report of the Establishment Committee recorded the gift from Mr. A. R. Melhuish of an 18th-century wooden lemon squeezer and a prescription book that had been used in his business in 1820.

On the recommendation of the Establishment Committee, the Council decided to purchase for £55 for the Society's Library a rare early herbal, "Hortus Sanitatis," published in 1491.

Statutory and Formulary Committees

THE SECRETARY reported that Mr. Paul Dobson, on account of other commitments and on health and domestic grounds, had had to decline the Councils' invitation to become a member of the Statutory Committee. Mr. W. E. Stokes was appointed to fill the vacancy.

It was reported that the Joint Formulary Committee of the Society and the British Medical Association had discharged its terms of reference. A recommendation was adopted to appoint a committee to review the National Formulary as soon as practicable, and to appoint a small standing executive committee to deal with amendments, deletions or additions to the present edition.

British Pharmaceutical Codex

THE SECRETARY reported that the new British Pharmaceutical Codex would be published on October 17, and it was agreed to recommend to the authorities concerned that the book should come into force on March 1, 1950 (a date that was convenient for National Health Service and purchase tax purposes).

Qualified Supervision in Pharmacies

The Law Committee received reports that during the summer months the Society's inspectors had found instances in which pharmacies were being conducted under unqualified control in the absence of the pharmacist on holiday. In the cases reported it appeared that dispensing and the sale of poisons had been discontinued during the pharmacist's absence.

It had been brought to the notice of the Law Committee that confusion appeared to exist concerning the dispensing of Dangerous Drugs in inert diluents, and preparations were being treated as Dangerous Drugs that were in fact outside the scope of the Acts.

Training Facilities

Mr. F. G. Wells expressed regret at the recent announcement by the School of Pharmacy, London University, formerly the Society's College, that it was not proposed to train further students there for the Chemist and Druggist or Pharmaceutical Chemist Qualifying examinations. The Society had a scholarship that was taken with the idea of securing entrance to the Society's College, yet the successful candidate would not be admitted unless he intended to work for a degree, although the Council still subsidised that school to the amount of £10,000 a year. The President pointed out that the school no longer belonged to the Society. Although Mr. Wells' remarks were not germane they would no doubt be borne in mind when the question of grants and scholarships was being considered by the special committee. Mr. Wells said that when the £10,000 subsidy came to be renewed he would move that it be not granted unless a certain number of places were reserved for training for the Society's examinations.

Benevolent Fund

The report of the Benevolent Fund Committee showed that grants had been made to three widows and one member, amounting to £113. Recommendations for grants in the cases of two widows and three members, amounting to £494, were approved. Six applications were deferred, and in one case no grant was made. From the War Aid Fund £52 was granted in one case, and the Council approved a grant of £75 recommended in another case.

The report of the Birdsgrove House subcommittee to the Benevolent Fund Committee stated that in the previous quarter there had been seventy-one guests at the house and that they had stayed for an aggregate of 173 guest weeks. Bookings for the next month were satisfactory. Among the gifts received was a nest of tables given jointly by the National Association of Women Pharmacists, the Guild of Public Pharmacists, and the South Western (London) Chemists' Association, in memory of Miss E. B. Blundell. The Council decided that the arrangement whereby the Benevolent Fund should continue to bear the financial responsibility of the convalescent home until it became self-supporting should be prolonged for another twelve months and then be reviewed again.

Examination Results

The report of the examinations n England and Wales in June-July 1 9 was received. In the Intermediate ex- ination 329 candidates entered and 4 passed; nine were absent, 117 failed, d seventy-nine were referred. Of thirty- r who entered for a referred subject, se- teen passed, two were absent, and fif n were again referred. In the Chemist d Druggist Qualifying examination 199 c- didates entered and seventy-five pass ; four were absent, seventy-one failed, forty-nine were referred. Three out f eleven entrants passed in a referred s- ject, one was absent, and seven were ag referred.

The Registrar reported that since previous meeting thirty-four persons been registered as apprentices or stude making a total of 246 in the current y Eight applicants were registered un reciprocity arrangements, and eight un regulations for the registration of fore pharmacists. The names of forty-five ph macists removed in the current y and of thirteen removed in previous ye were restored.

Law Committee

The report of the Law Commit showed that in June the Society's inspe ors and agents visited 970 authori sellers and 497 drug-store proprietors a similar traders. Seventeen cases of alleg infringements of the Pharmacy Acts w considered, and appropriate action taker

The Council accepted with pleasure invitation from the Scottish Departme of the Society to hold its next meeting Edinburgh on October 4 and 5, 1949.

R.P.U. Newsletter.—The most rece issue of the Registered Pharmacist Union's newsletter includes a report of t Union's annual meeting in March, ar reproduces correspondence (a) with t National Pharmaceutical Union, in rep to a criticism of the R.P.U. in the N.P.U Supplement; and (b) with the Pharmaceu tical Society, proposing the establishmer of a group of retail employee pharmacis within the Society. The newsletter view "with alarm and concern" alleged inte ference on the part of certain medic officers of health into the province of th London Executive Council in matter affecting the provision of dispensing facili ties after hours on Sundays and holidays

VISIT TO A HERB-FARM AT HARVEST-TIME

THE cultivation of medicinal plants and culinary herbs is largely confined to the southern part of Eng-nd, although there are herb farms farther rth and in Scotland. In the majority of stances small areas of marginal land are ed for the purpose, as food crops still ke precedence. It is not possible to grow types of medicinal plants in the same ea, for many are exacting as to type of il—its alkalinity, texture, etc. For this d other reasons the growing of medicinal d culinary herbs requires considerable ill.

rganised Collections of Wild Plants

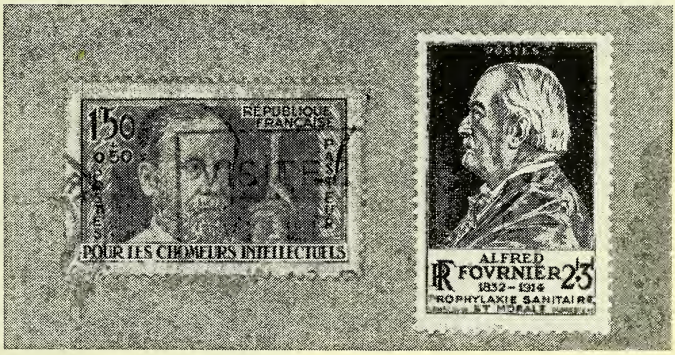
Large quantities of medicinal plants, owing wild, are also collected, mainly experienced collectors, and in areas here they grow it is often possible to culti-te them. The resultant crops, if kept clean" (i.e., free from weeds), may be improvement on the wild plants. In me instances it has been possible, by cul-vation, to increase, not only the size of e plant, but also the yield of its active nstituents.

Several farms in the Home Counties pply Potter & Clarke, Ltd. Each con-ntrates on a small range of plants, whether medicinal or culinary. A CHEMIST AND DRUGGIST photographer visited one of these farms recently near the Bedfordshire border. Approximately thirty acres in size, it had crops of marshmallow, marjoram, fennel, hyssop, horehound, tansy, motherwort, wormwood, American skullcap and others. Some were being harvested — not without difficulty, for the flowering plants attract large numbers of bees and wasps. As a rule, hand implements are used for harvesting the crops. A small hook or sickle is used for the herbs; later in the season, roots are dug with a fork, or are ploughed out.

Washing and Drying

The farm buildings are provided with machinery for washing dandelion and comfrey roots, etc. Many of the herbs are partially dried on the flat roof of a drying kiln, whence they can be transferred to the kiln by suitably placed trapdoors. In the kiln the herbs are strewn on wire netting, under which is a system of hot-water pipes. Various facilities are provided for cleaning, cutting and rubbing. In addition, the farm acts as the collecting centre for large quantities of wild herbs brought in by collectors.

ERSONALITIES OF SCIENCE ON POSTAGE STAMPS—5



ssued in 1936, he 1fr. 50c.+50c. lue stamp of rance depicts Louis Pasteur 1822-95) inspect-n the contents of test tube. The 50 cents surtax was collected in aid of n Unemployed Inellectuals' Relief Fund. Pasteur's contributions to cience were important and varied, anging from studies n fermentation, on the diseases of silkworks, and on the prophylaxis of rabies nd hydrophobia to bacteriological work during which he exploded the then still prevalent belief in spontaneous generation), o the value of which the process of pasteurisation bears perpetual testimony. The French 2fr.+3fr. blue-grey stamp (right) commemorates Jean Alfred Fournier (1832-1914), sociologist and writer on clinical aspects of syphilis. Fournier illuminated the relationship of spirochaetal disease to the condition known as general paralysis of the insane.

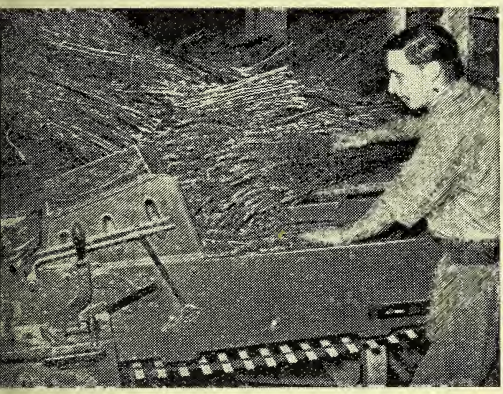
1. Cutting Fennel. *Early in the season the leaves, which are finely divided, are green and decorative. All parts of the plant possess the anise-like odour and sweet aromatic flavour.*

2. Stooking Fennel. *The ripe fruits contain 3 to 5 per cent. of essential oil.*

3. Cutting Marshmallow. *The plants reach a height of 4-5 ft., and are harvested in flower. This year's harvest was earlier than usual owing to the drought.*

HARVEST TIME ON AN ENGLISH HERB FARM

CHEMIST AND DRUGGIST PHOTOGRAPHS
BY ARRANGEMENT WITH POTTER & CLARKE, LTD.



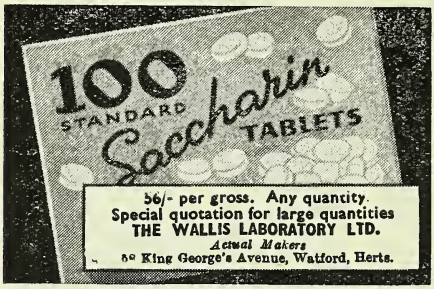
4. Wild Herbs being Received from Local Collectors. *Often large quantities are brought in. The parcels are weighed and paid for at the farm or other collecting centres.*

5. Cutting Bunch Herbs. *The plants are put through a cutting machine, and the herb reduced to small pieces.*

6. Experts Confer. *Mr. L. Fraser (Potter & Clarke, Ltd.), with the farm foreman, inspects a crop of marjoram.*

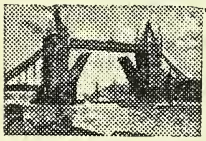
7. Tansy in Flower. *The farm worker holds a bundle of the freshly-cut herb* Tanacetum vulgare *(Compositæ).*

RANKIN BROTHERS & SONS
(RANKINS PARTNERS, LTD.)
139 BERMONDSEY STREET, LONDON, S.E.1
for DISPENSING
CORKS
OWNERS OF THE FINEST
CORK FORESTS IN PORTUGAL



56/- per gross. Any quantity.
Special quotation for large quantities
THE WALLIS LABORATORY LTD.
Actual Makers
50 King George's Avenue, Watford, Herts.

VETERINARY COUNTER PRACTICE
Indispensable to the rural pharmacist. Profitable to the town pharmacist. 15/- postage 6d.
THE CHEMIST & DRUGGIST,
28 Essex Street, London, W.C.2



Buyers,
Confirmers
& Shippers

W. H. JONES & Co. (LONDON) Ltd.
BARNET, HERTS., ENG.
We welcome, from Manufacturers, offers for our numerous Overseas Clients.
We pay cash on shipment.

BURROUGH'S
ABSOLUTE
Cale Distillery
London, S.E.11
ALCOHO

TRAGACANT
SPECIALISTS IN B.P. POWD
SAMPLES AND PRICES ON REQUEST
FREUDENTHEIL, SMITH & CO., 16 Philpot La
London, E.C.3
MANsion House 1924 & 6600. Estd. 1

LOVELUCK EDWARDS & Co.
MELTAN
LEC SPRAY & SPRAYERS
SELECTA LEG TAN, Etc.
Agencies and Representatives' Vacancies in Seaside an Holiday Resorts
432/440 GARRATT LANE, S.W.18

GARLISOL Registered Trade Mark
Deodorised Garlic Compound
Liquid, Tablets, Ointment, Balm
Fair terms to the trade.
GARLIC DEODORISED ANTISEPTICS LTD
Fairlight · Sussex

SONG
For TRAVEL SICKNESS on Air, Land or Sea
VANDRE LTD., GLASGOW. G

THE **LIVERPOOL SCHOOL OF PHARMAC**
Principal: H. Humphreys Jones, F.R.I.C., F.C.S., Ph.c.
PREPARATION FOR THE INTERMEDIATE AND QUALIFYING EXAMINATIONS OF THE PHARMACEUTICAL SOCIETY.
BLACKBURNE PLACE, LIVERPOOL 8

DISPRI
REG
NEUTRAL SOLUBLE ASPIRI
Non-acid, non-irritant and palatable

INFORMATION WANTED

The Editor would appreciate informatio about suppliers of the following items:

Semmentum for use in pathological work
Dismolin suppositories

The
HEMIST AND DRUGGIST
RETAILER—WHOLESALER—MANUFACTURER
ESTABLISHED 1859
culates throughout the Pharmaceutical, emical, Drug, Essential Oil, Perfumery, smetic, Toilet Preparation and allied Trades throughout the World.
ficial organ of The Pharmaceutical ciety of Ireland, The Pharmaceutical ciety of Northern Ireland, The Chemists' d Druggists' Society of Ireland and of her Chemists' Societies in the Empire.
OL. CLII AUGUST 27, 1949 No. 3627

Issues Solved and Unsolved

a holiday month the Council of the armaceutical Society found itself faced th several matters that called for serious nsideration, even though—with some— e time to act may come later.

There is no record that much discussion ok place on a rather unsatisfactory situa- n—noted by the Law Committee in its port—in which pharmacies are being left der unqualified control (albeit with res- cted activities) while the pharmacist kes his holiday. Whether or not this pro- dure has been an outcome of the present ucational policy of the Society, there ems every likelihood that the existing ortage of locums will become accentuated en that policy comes into full effect. e Ministry of Health has recognised the istence of the problem by suggesting that ntractors under the National Health Ser- ce who are unable to get a holiday other- se should close completely during the e they are away, leaving other contrac- s to look after their N.H.S. customers. at course is simple and tidy on theo- tical grounds, though it leaves out of unt two very important factors, namely, e attitude of customers and the cost to e contractor. On the one hand the custo- er may be prepared to have his medicine ade up elsewhere for a couple of weeks t show annoyance at having to travel an tra quarter or half a mile to buy other all items he may have been in the habit buying nearer home. On the other hand, the contractor may only be able to afford a holiday on condition that the temporary fall in his income from N.H.S. dispensing is softened by sales that do not, in them- selves, require the presence of a pharma- cist. Hence, of course, many chemists are adopting the procedure referred to in the Law Committee's report. On the face of it that seems a common-sense approach: un- fortunately it is an infringement of the law. The Pharmacy and Poisons Act, 1933, requires that

> "in each set of premises where the business is carried on, the business must, so far as concerns the *retail sale* of drugs [italics ours], be under the personal con- trol of the pharmacist himself or of some other retail pharmacist."

Another very important matter was raised on August 10 by Mr. F. G. Wells, who pointed out the curious anomaly to which we ourselves recently made refer- ence—namely that, in a training establish- ment that receives a large grant from the Society (though it is true the Society has no direct control of its destinies), it is not now possible to study for one of the So- ciety's qualifications. Mr. Wells is to bring up this matter again, when he will pro- pose the obviously just action of withhold- ing the subsidy unless a certain number of places are reserved for trainees for the So- ciety's examinations. In this action he will have, we are confident, the full support of an overwhelming majority of the Society's members.

We turn now to the position of non-con- tractor pharmacists under the National Health Service. It is familiar ground that the National Pharmaceutical Union will oppose any move to make employees par- ties to the dispensing contract, and that the Society's policy is to secure no less than that. Mr. Linstead's draft new clause for the National Health Services (Amendment) Bill has, however, a more modest aim. It seeks to ensure fair treatment, according to the canons of British justice, for persons who otherwise stand to suffer injustice without being given an opportunity to speak in their own behalf. In wishing suc- cess to Mr. Linstead in his efforts to secure incorporation of the clause in the Bill, we

take leave to express confidence that the N.P.U. will raise no objection.

On one other matter—a comparatively small one—we propose to make a few comments. In what circumstances Mr. Paul Dobson was appointed to the Statutory Committee we do not know. His refusal to serve must be accepted with regret, for he has gained the respect of a wide circle of members. In his place the Council has selected a representative of the multiples—an alternative that seems eminently fair in principle. In a personal capacity, we feel sure the new member will evince the same integrity and devotion as the man he replaces. There must, however, be many who would wish that the choice had not fallen on a nominee who (1) from the nature of his position in the heirarchy of his company has power to "hire and fire" pharmacists whose circumstances and acts he may on other occasions be called upon to examine with judicial impartiality; and (2) was effectively rejected by the pharmaceutical electorate only so recently as May last.

Narcotics Control

World data on the production and consumption of morphine and of narcotics manufactured therefrom (p. 289), disclose an upward trend in 1947 when the figures are compared with those of 1936. The trend is most marked in the case of codeine. 1947 output of manufactured narcotics reached a total higher than in any previous year since the International Conventions came into force. Whereas it is generally admitted that in 1925 one-third of the world's morphine production found its way into illicit traffic, the 1947 figures give no indication that that state of affairs continues. Licit manufacture of morphine amounted in 1947 to 48 tons, the greater part of which (37 tons) was converted into codeine. Of such codeine manufacture and consumption, the United States accounted for 42 per cent.

A feature of the statistics is the changed "movements" of manufactured narcotics as a result of disturbances caused by the second world war. Under the Conventions, manufacturing countries agree to produce for their own use, and to export to non-manufacturing country only upo duly accredited request from its Govern ment. The increasing consumption of co deine (a Dangerous Drug by Conventio since 1931) indicates that larger and large amounts are being used in medicine fo the alleviation of coughs and other ai ments. The question whether codeine ca replace diamorphine for this purpose is matter upon which authorities, both med cal and national, are divided.

War-time Expedients

The statistics show that medical require ments of Dangerous Drugs will be met i one way or another, irrespective of wa disturbances. During the 1939-45 wa when opium was no longer obtainabl European countries obtained morphin from opium poppy and opium straw France and Belgium increased their pro duction of diamorphine and other mor phine derivatives when supplies from Ger many were no longer available, and Bri tain and Switzerland have today replace Germany as the principal licensed dealer in narcotics, natural or synthetic. Th United States, the largest maker, is con tent to manufacture mainly for its own use

The therapeutic value and necessity o manufactured narcotics are apt to be dis regarded in the campaign against addic tion, and the *via media* is difficult t achieve and maintain. Thus the 1931 Con ference at Geneva for limitation of th manufacture of narcotics recommended th giving of prizes for the discovery of medi cines having the same therapeutic effect as Dangerous Drugs but which do no cause addiction. The first results of re search on those lines has been to introduc new synthetic narcotics which, in 1948 aroused a demand that they should b added to the list of Dangerous Drugs. Th danger from such synthetic compounds i to be controlled by a new Convention. Th search for a habit-free analgesic continues. Pending proof of absence of habit-forming propensities in a compound, the Schedul 4 restriction under the Pharmacy and Poisons Act has recently provided a usefu alternative to the D.D. controls.

July Exports: What the Figures Imply

ARD of Trade accounts for July show t British exports in July, at a value of 41.7 millions, were £1.5 millions below June total and £9.7 millions less than May. Allowing for changes in price ce 1938, the volume of exports in July provisionally estimated at 143 per cent. the 1938 average, against 145 per cent. June and 153 per cent. in May. Factors luencing the decline were a ban on imrts into South Africa, a reduction in unquited imports to India (prior to the ther release of blocked sterling), and, to lesser extent, the London dock strike. owever, a welcome improvement occurred exports to North America: goods pped to the United States during the onth are provisionally valued at £3.8 llions, an increase of £0.8 millions on e previous month's total, while Canadian rchases are estimated at £6.7 millions, ainst £6.0 millions in June. The overall verse balance amounted to £40.5 milons, compared with £54.2 millions in ne and £37.8 millions in May.

Exports of chemicals, drugs, etc., were exception to the generally lower figures July. The group total at £6,434,589 was most £513,000 short of June exports, and as lower than in any month since Feblary 1948. Manufactured medicines exorted were valued at £1,158,384, against 1,676,732 in the previous month, and ain the total was lower than in any preous sixteen consecutive months. Propriery medicines exported contributed to the tal £306,906 (June, £437,226). Shipents of quinine and its salts to overseas arkets increased in value to £38,894, gainst £34,405 in June. Aspirin sales, owever, were down — £26,224, against 42,066 in the previous month. Insulin xports also declined, the value being 23,299 (June, £35,451). Penicillin exorts were valued at £190,265 (£241,916), nd exports of ointments and liniments at 53,558 (£82,071). The principal reason or the decline in chemical exports was the educed shipments to South Africa and ndia. The South African market took chenical products valued at £362,818 (June, £689,276), while exports to India in the same category were valued at £496,556 (£1,153,271). Exports of chemicals, etc., to the United States increased from £69,347 in June to £89,568.

A Milestone in Biochemistry

In view of the great advances in recent years in the science of biochemistry (a science which at one time was thought by certain workers to be doomed to extinction by increasing specialisation, which would cause the work to be directed towards pure chemistry or elsewhere), the organisation of an international congress had become increasingly necessary, and it is gratifying that British workers have taken the initiative in this respect (see p. 275). The success with which the First International Congress of Biochemistry was marked—and some 460 papers were read during the week's meetings — suggests the need for holding a second before very long. The number of subjects covered by the Congress authors also indicates the great width of the present field of biochemistry. In general, perhaps, the subjects could be classified under the headings of general biochemical theory; biochemistry applied to human and veterinary medicine; biochemical estimations; and manufacturing and technical problems. Under each section work of importance to pharmacy and medicine could be found and, in fact, a number of names familiar to, for example, members of the British Pharmaceutical Conference were among the list of authors. That fact may reflect the increasing debt which medical science owes to biochemistry—a debt which, perhaps, illustrates the force of a statement by Paracelsus that "The Body is a conglomeration of chemical matters; when these are deranged, illness results, and nought but chemical medicines may cure the same."

Of special interest to pharmacy were the papers dealing with vitamin B_{12}, the production of antibiotics, and new principles such as the hypotensive and smooth-muscle stimulating factor released through the agency of snake venom or trypsin. The report on anti-vitamin E may throw new light on cancer problems.

FROM BEAR'S GREASE TO LIGHTHEART

A Century and a Half in the Development of a London Perfumer

DESCRIBED in a house publication as "one of the most flourishing of the Unilever group of companies," the business of J. & E. Atkinson, Ltd., London, has nevertheless been for less than ten of the 150 years of its existence completely within the group. For the remainder of the century and a half, the completion of which is being celebrated this year, the business was under the control or supervision either of members of the original Atkinson family or of Eugene or Horace Barrett, whose association with the business commenced when Eugene became its manager in 1869.

James Atkinson, the founder, though he became with little doubt the leading perfumer of Regency London, was a Cumberland man. His only resources when he set out on foot to conquer the metropolis were a supply of animal fat and a bear. Under the designation "bear's grease" the fat, perfumed with otto of rose, was sold as a pomade for the hair. It found a ready market among the smart set of the time.

On arrival in London Atkinson established himself in Gerrard Street, Soho. By chaining the bear outside his premises he attracted that amount of notice which day is only as a rule achieved by an tensive and necessarily costly Pr advertising campaign. Methods of adve ising change, as do tastes in perfume but it is permissible to see in his "attack on the market that flair for publicity a that ability to anticipate a new mark that have asserted themselves again in t company's history. "Bear's grease" d not survive. Nor did many other cosmet specialities that followed. They served passing fashion and were superseded. Atki son's curling fluid or "vegetative ha oil," for example, was brought out for t purpose of replacing "the oil lost whe curling irons cause excessive dryness in t hair." Apparently this was not, like t setting lotions of today, for the tresses the fair sex, but for the young bucks an beaux of the day. It "kept the curl fir during exercise," and "gave the *tout ensemble* a fascinating appearance tha could be attained by no other mean whatsoever." Who knows but what th curling fluid might enjoy a revived sal among members of the Handlebar Clu today?

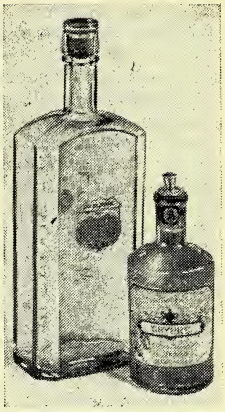
Atkinson's vegetable dye and "Mahoed's Turkish dye" (warranted to change ey and "carroty" whiskers in a few nutes to brown or black, warranted, moreer, "perfectly innocent" and permanent). Lest it should be thought that the manout-town was the only client of Messrs. kinson in those early days, passing referce should be made to Atkinson's Old indsor soap—old before it was put on le; Ambrosial, one of the earliest of nd softening and whitening preparaons, cold cream, depilatories, and Hudn's "Botanic" toothpowder, a whitener ith the remarkable additional advantage at it fastened such teeth as were loose.

old Medal

A new chapter opened when, in 1826 mes Atkinson was appointed perfumer to e Royal Family, an appointment held in very later reign except one. Arrangeents were made with a nephew of iovanni Maria Farina, the Italian perimer who took his secrets to Cologne nd used them there to such advantage at his name has been a household word ver since, to import eau de Cologne into ngland. At a later date manufacture in ondon was substituted for importation, nd Atkinson's Gold Medal eau de Cologne chieved a reputation throughout the world lmost rivalling that of the original arina. Other perfumes of that era were Persian Bouquet de Rose and Atkinson's concentrated essence of lavender "possessing six times the strength of the best lavender water and unsophisticated with the sickly admixture of musk or ambergris." The Cologne and lavender have survived, but a novelty of the period, the Philosophical Incense Burner, survives—if it survives at all—only as an "elegant ornament" in the possessions of a collector. Time has given a final irony to the inventor's claim that "for practical purposes" the 7s. 6d. model was as good as the two-guinea edition.

Vhite rose perfume rom 1896 catalogue. he Princess Alexandra laced a regular sixveekly order for it.

In 1829 James Atkinson removed from Soho to New Bond Street. The business grew to such an extent that two years later he took his brother Edward into partnership and in 1832 transferred to 24 Old Bond Street to a new showroom resplendent with the first plate glass window to be seen in that leading shopping street of the capital. Edward was responsible for a new development—the building up of a wholesale department for nation-wide distribution.



An early bottle for Atkinson's eau de Cologne "distilled to the original formula," and sprinkler-topped Chypre bottle (late 19th century).

A Range of Toilet Waters

As the Victorian era got into its stride the number of specialities in the company's catalogue increased, and the centre of importance shifted to toilet waters (eau de Portugal, eau de Londres, Florida water, Hungary water) and to mouth-washes, face creams, lipsalves and the like for the boudoir of the Victorian miss. Whatever the prevailing taste, James Atkinson was ready with the wherewithal to meet it. When he died in 1853 the loss to the business was severe. Edward died soon after, and a younger James and Edward took over. It would have been surprising if they had shown the same flair and acumen as the founder, but in point of fact they were not equipped to maintain the fortunes of the house. One thing saved it: the chance engagement as office manager of a bank clerk who proved to be a born perfumer. Eugene Barrett not only mastered the organisational details but knew how to shape the policy of the concern. He it was who developed the export side and secured prize medals at Continental trade fairs—notably the gold medal earned at the Paris Exhibition of 1878. An agency in Paris proved especially successful, serving as a distribution centre for Europe until manufacturing agencies were set up in turn in Spain, Germany, Turkey and Italy. Atkinson's eau de Cologne was conspicuously

successful in South America. In 1896 the firm was incorporated as J. & E. Atkinson, Ltd., with a capital of £200,000. Eugene Atkinson, after securing for his son Horace a training in the essential oil industry, brought him into the business. A few years later Horace was showing that he, like his predecessors, had the insight that prompted the right move at the right time. He assimilated the new synthetic perfumery materials into floral perfumes and introduced new and stronger perfumes based upon synthetics to appeal sharply to buyers of perfume in oriental countries and in South America. Early in the twentieth century there came a popular success in the home market that threatened to overshadow the "quality" perfumes in the company's range. Californian Poppy remained a best-seller and a "headache" for twenty-five years, until the problem was ingeniously solved under a new regime (when the Lever organisation took over it was handed to another company within the group). Meanwhile tariff policies in the Argentine had determined the establishment at short notice of a factory in that country—a project that was, as thi turned out so successful that it was repea in Uruguay, Chile and Brazil. In 1947 the company's turnover in South Ame was sixteen times what it had been in 19

The Lever interests entered gradually. 1920 an interest was acquired by C fields, Ltd. Mr. Giles Hunt went on the Board, though Horace Barrett mained manager until his retirement 1945. The financial holding of the Le interests was gradually increased until business was "completely integrated" i the group in 1945.

Has that meant that the days of a cipating markets has passed, that old fr doms will give way to the rigidities large organisations? Apparently not. O a few weeks ago we recorded in th columns a new development that l as far-reaching potentialities for the Brit perfumery industry as for Messrs. Atkins

The name Lightheart adopted for o of the company's four new Daytime p fumes may be the symbol of a new you fulness that has been infused into t organisation on its 150th birthday.

REVISED LIST OF TAX-FREE DRUGS

A NEW list of essential drugs and medicines that are free from purchase tax became effective on August 22, under the Purchase Tax (No. 3) Order, 1949 (S.I. 1949, No. 1529). The Order has the effect of increasing the number of items given in the Purchase Tax (No. 5) Order, 1948, all of which continue to be exempt, though the arrangement and description of the previously exempted drugs are in some cases modified. Thus Head IV now applies to specified therapeutic substances (vaccines, serums, etc.) for both veterinary and human uses. Below are listed the preparations that appear in the Schedule for the first time or under a different head:

HEAD I:—Compounds of iron.

HEAD II:—Croton-N-ethyl-*o*-toluidide; 1-di-ethylaminoethylamino-4-methylthioxanthone hydrochloride; ganglionic or neuromuscular blocking agents and their antidotes containing at least two quaternary ammonium groups terminal to a polymethylene chain or chains; hormones and synthetic compounds with hormone activity, having the carbon ring system of either œstrone or progesterone.

HEAD III:—The substances described under this head, and preparations consisting only of one of those substances and one or more of the following things, namely, an excipient, vehicle, base or preservative, or of two or more of those substances whether with one or more of the following things, namely, an excipient, vehicle, base or preservative, or not:—2-benzyl-4:5-imidazoline, and salts thereof; betaine, and salts thereof whether or r combined with pepsin; butyl *p*-aminobenzoa and salts thereof; N-(dialkylaminoalkyl)-phenoth zine, and salts thereof; *pp*[1]-diaminodiphenyl-s phone, and derivatives thereof; *pp*[1]-diaminophen pyridyl-sulphone, and derivatives thereof; ω- ethylamino-2:6-dimethylacetanilide, and salts the of; ω-diethylaminoethyl-4-amino-1naphthoate, a salts thereof; 3:3-diethyl-2:4-diketotetrahydropy dine; dihydrocodeinone, and salts thereof; ethylen glycol monophenylether; liver extracts and acti principles of liver whether or not combined wi any of the following substances, that is to s dried yeast or salts of iron, of manganese or copper; *d*(-)*threo*-1-*p*-nitrophenyl-2-dichloroac tamido-propane-1:3-diol; pamaquin; proguan and salts thereof; protamines, and salts thereo theophylline, whether or not combined with an of the following substances, that is to say ethyler diamine, methyl glucamine or monoethanolamin preparations of stomach containing the hæmapo etic principle thereof in a therapeutic concentra tion and preparations consisting only of any suc preparation of stomach as aforesaid and a salt iron or dried yeast; anti-microbial substances, o salts thereof, such as are produced by a suitabl strain of *Streptomyces aureofaciens*, whether s produced or not; 2-methyl-9-phenyl-2:3:4: tetrahydro-1-pyridindene hydrogen tartrate, its salt and derivatives.

HEAD IV:—The therapeutic substances com monly known as vaccines, sera, toxins, antitoxin and antigens, prepared for use by injection o by application to the scarified skin, and prepara tions so prepared consisting only of two or mor of those substances.

Copies of the Order may be obtained from H.M. Stationery Office, London, W.C.2, price twopence.

POISON LAW, 1935-49

4.—Manufactured Narcotics

N general, manufactured narcotics have been successfully controlled, but this success does not apply to the control of material from which the narcotics are le. The world statistics for the manufac- of morphine (Table I) show the in-

TABLE I

Manufacture of Morphine throughout the World

World Figures	Morphine Manufactured kilos		Morphine Converted into Codeine kilos	
	1936	1947	1936	1947
ld totals	36,884	47,849*	23,901 (64·8%)	37,382 (78·1%)
om raw opium ..	34,611	42,363*	—	—
om poppy capsules or poppy straw	1,388	4,165*	—	—
orphine not converted	9,176	5,697*	—	—
RES FOR INDIVIDUAL COUNTRIES				
rgentina		124		255
elgium	1,304	1,392	1,023 (78·5%)	1,171 (84·1%)
zechoslovakia ..	698	905	579 (83·0%)	452 (56·2%)
rance	4,645	5,816	3,948 (85·0%)	4,645 (79·9%)
ermany	6,294	1,673	4,843 (76·9%)	1,171 (70·0%)
ungary	724	783	281 (38·8%)	364 (46·5%)
aly	1,335	331	551 (41·3%)	61 (18·4%)
apan	3,947	—	2,307 (58·4%)	—
etherlands	743	633	597 (80·4%)	529 (83·5%)
oland	508	793	510 (100·4%)	246 (31·0%)
witzerland	1,508	3,983	788 (52·3%)	3,138 (78·8%)
.S.S.R.	4,927		2,634 (48·0%)	
nited Kingdom ..	2,023	11,019	809 (40·0%)	8,800 (79·9%)
.S.A.	7,697	18,907	5,075 (65·9%)	15,693 (83·0%)
igo-Slavia	299	1,092	138 (46·2%)	631 (57·8%)

* *Incomplete*

asing demand for codeine and the rise Great Britain and Switzerland as sup- ers in place of Germany. Direct com- isons between 1936 and 1947 do not ve as a guide to the requirements of in- idual countries owing to the effect of normal trade and transport on the 1947 ures. The marked upward trend of the nand for manufactured narcotics is inly due to the extension of medical ser- es. The consumption of morphine and acetylmorphine varied little. The adop- n of codeine to counteract coughs and lds accounts for its manufacture now ab- bing more than three-fourths of the mor- ine production. The United States, ich prohibits the use of diacetylmor- ine, has trebled its consumption of deine and uses 42 per cent. of the World tput.

end of Narcotics in Medicine

The data in Tables II to VI are ex- acted from the 1936 and 1947 United ngdom Government reports. They show the same trends as the world statistics but have the advantage of being comparative, and based upon definite details of manufacture, utilisation and consumption, by a nation applying drug control in an exemplary way. The data of the 1947 Report has been converted from kilos into oz. and the tables compiled by rearranging the figures for direct comparison.

Table II discloses a five-fold increase in morphine manufacture with ten times the amount converted into codeine. Domestic (D.D.) consumption declined against a 70 per cent. increase for Ex.D.D. purposes (home and export). Morphine exports were doubled mainly to Europe and America and to countries formerly supplied from Germany. Table III shows the rôle assumed by Great Britain as an authorised exporter of codeine. Domestic demand was trebled owing to the increasing popularity of compound codeine tablets and codeine linctus. Exports as codeine reflected the increase at Germany's expense.

TABLE II

Morphine Statistics (Great Britain)

Data	1936 oz.	1947 oz.
Morphine manufactured ..	71,350	388,684
Converted to :		
Codeine	28,253	310,411
Diamorphine	3,845	6,808
Ethylmorphine	3,661	38,378
Apomorphine	64	247
Sold as morphine	37,987	47,373
Consumption :		
Domestic (D.D.)	13,705	11,464
,, and export (Ex. D.D.)	11,276	19,612
Government purchases ..	123	*Nil*
Export	12,630	25,021
Europe	1,089	9,101
Asia	2,193	2,381
Africa	1,289	1,848
America	4,112	8,580
Oceania	3,946	3,110

TABLE III
Codeine Statistics (Great Britain)

DATA	1936 oz.	1947 oz.
Codeine manufactured ..	37,265	360,488
Sold	37,085	360,277
Consumed :		
Domestic, as codeine ..	3,449	11,005
Compounded in domestic and export preparations	9,631	94,146
Export	20,913	175,509
Europe	1,914	77,151
Asia	938	15,724
Africa	782	4,378
America	15,488	63,695
Oceania	1,791	14,560

TABLE IV
Ethylmorphine Statistics (Great Britain)

DATA	1936 oz.	1947 oz.
Ethylmorphine manufactured	2,868	32,840
Sold	3,000	32,840
Consumed :		
Domestic, as ethylmorphine	566	564
Compounded in domestic and export preparations	966	3,245
Export	1,186	22,364
Europe	164	11,789
Asia	360	1,332
Africa	101	370
America	472	8,740
Oceania	88	134

TABLE V
Diamorphine Statistics (Great Britain)

DATA	1936 oz.	1947 oz.
Diamorphine manufactured	4,624	9,383
Sold	4,646	9,206
Consumed :		
Domestic (D.D.)	1,835	3,245
Domestic and export (Ex. D.D. preps.)	16	35
Government purchases ..	7	*Nil*
Export	2,053	6,817
Europe	212	4,209
Asia	196	208
Africa	289	786
America	578	756
Oceania	745	859

TABLE VI
Cocaine Statistics (Great Britain)

DATA	1936 oz.	1947 oz.
Cocaine manufactured ..	13,872	17,637
Sold	12,728	18,400
Consumed :		
Domestic (D.D.)	8,161	7,196
Domestic and export (Ex. D.D. preps.)	206	423
Government purchases ..	149	353
Export	4,481	13,340
Europe	212	3,427
Asia	430	3,191
Africa	462	1,145
America	874	2,968
Oceania	2,304	2,608

Table IV for ethylmorphine parallels that for codeine with data on one-tenth scale. Direct domestic demand was an exception in not showing an increase and this is in accord with the lack of popularity of ethylmorphine as compared with codeine. Table V shows that the manufacture of diamorphine has doubled and domestic consumption has increased 75 per cent. It also shows a complete absence of illicit supplies.

Table VI, for cocaine, shows a hom (D.D.) demand agreeing with world tren of reduced consumption. The increase i manufacture is for export to new customers

International Trade in Narcotics

Table VII summarises the changes i the course of the world trade in Dangerou Drugs. The exports are for medicinal re quirements in countries which do no manufacture morphine or cocaine from opium or coca. The figures do not include data fo Ex.D.D. preparations. It will b noted that Great Britain and Switzerland have succeeded Germany as the principal factors of narcotic alkaloids. The United States is the largest maker but utilises the bulk of its production for domestic purposes.

TABLE VII
Exports of Dangerous Drugs within Conventions

DATA	MORPHINE KILOS		DIACETYL-MORPHINE KILOS		COCAINE KILOS		CODEINE KILOS		ETHYL-MORPHINE KILOS	
	1936	1947	1936	1947	1936	1947	1936	1947	1936	1947
Totals ..	1,137	2,037*	206	261*	978	579*	4,090	9,083*	612	1,598*
Belgium ..	61	9	14	—	110	4	539	190	54	44
France ..	26	43	12	12	34	43	162	656	10	106
Germany ..	371	—	58	—	440	—	1,429	200	345	—
Hungary ..	64	25	—	—	—	—	11	59	3	43
Japan ..	20	—	24	—	5	—	137	—	4	—
Netherlands	69	1	5	—	42	52	307	—	25	—
Switzerland	337	450	32	56	157	47	711	2,770	91	704
United Kingdom	290	537	58	193	127	380	592	4,945	33	633
U.S.A. ..	5	429	—	—	19	53	2	259	3	68
Jugo-Slavia	65	556	—	—	4	—	70	4	41	—

* Incomplete.

CORRESPONDENCE

Alleged Mistakes in Dispensing

SIR,—It is to be hoped that the Minister Health will find out which of his nions, if any, gave the interview to the porter of the "Sunday Express" (see & D., August 20, p. 247). But the atter should not rest there. We chemists ould firmly demand that the official con-rned should be disciplined. Careless or esponsible talk of this kind should be eated in the severest possible way.

St. Andrews. A. W. KEITH.

Eightieth Birthday Tribute

SIR,—On August 23, Mr. Andrew Ralph elhuish, an esteemed member of the armaceutical Society's Council, celebra-l the eightieth anniversary of his birth-y. The Western Pharmacists' Association, ich embraces the West London Branches the Pharmaceutical Society and the ational Pharmaceutical Union, desires to press through you, Sir, its warmest ngratulations and good wishes to Mr. elhuish, who has served on the commit-e of the Western for nearly fifty years, d filled the office of president from 1914 1948.

R. WOOLBY BROOKE, *President,*
ERIC S. WINDWOOD, *Secretary,*
Western Pharmacists' Association.

London, S.W.7.

Gilbertian Pharmacy

SIR,—Your reference to the danger of oducing "Admirals all and deckhands one" in pharmacy, as the result of the armaceutical Society's education policy . & D., August 6, p. 177) is very apt. he labour shortage in pharmacy is not to e wondered at, since fantastic examina-ons prevent the advancement of suitable ersons unless they have the higher edu-tion. Yet doctors can rise from the wer ranks: Sir William Cameron Gull, r example, began life as laboratory boy St. Thomas' Hospital, and was later ade Baronet by Queen Victoria. In the gal profession again, managing clerks are ven their articles at age forty to fifty. hy the bar in pharmacy?

PRACTICAL PRACTISING PHARMACIST.

Questionnaire Protest

SIR,—The chairman and committee of e Tees-side Branch of the Pharmaceutical ociety have instructed me to submit the llowing protest to the Society's secretary regarding the questionnaire on "Man-power in Pharmacy":—

The chairman and committee of the Tees-side Branch deplore the action of the Council in authorising the issue of the questionnaire on "Man-power in Pharmacy," dated July 1. They ask:—

(a) Is such detailed information necessary?

(b) To what use will it eventually be put?

They also resent the limited issue and request that a copy, or copies, be made available for the information of the members of the committee and branch. The committee think that the distribution of such a questionnaire at this time, with its implication of inquiry into members' private affairs, when trade throughout the country is already beset with numerous other censuses and inquiries by H.M. Government, is, at best, tactless.

THOMAS GOULD, *Secretary,*
Tees-side Branch.

Stockton-on-Tees.

Relative Values

SIR,—Last week in my local newspaper I read of a fishmonger who charged 1s. 9d. for a haddock, the controlled price of which was 1s. 6d. He was fined £15. The last two issues of the *C. & D.* have reported legal proceedings under the Pharmacy Acts, in cases of the sale or dispensing of poisons without qualified supervision. In each case the fine imposed was £5 per offence. Judging by similar cases during last year's holiday season that appears to be the standard fine. Surely an offence under the Pharmacy Act is far more important than the overcharge of threepence on a haddock! The right to sell or dispense poisons is the foundation of pharmacy and for our own protection as a profession, quite apart from the protection of the public, I feel we should press for much more severe penalties. Indeed, at £5 a time it is cheaper to pay the fine than to employ a locum whilst on holiday.

London, N.8. E. G. BAILEY.

COMING EVENTS

Thursday, September 1

WOLVERHAMPTON CHEMISTS' ASSOCIATION. Visit to Birdsgrove House, leaving Wulfruna Street, Wolverhampton, at 2.20 p.m.

SCOTTISH INDUSTRIES EXHIBITION, Kelvin Hall, Glasgow, open 10 a.m. to 10 p.m. (Continues until September 17).

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quant ties of standard quality. Prices of crude drugs and essential oils vary as to brand or grad

28 Essex Street, W.C.2, Aug. 24

HOME-TRADE demand for PHARMACEUTICAL CHEMICALS is increasing, but in other sections of the FINE CHEMICALS market business during the past week has been confined to replacements of immediate requirements. Little new export business is reported. Prices of the principal products are unchanged. IPECACUANHA is again the chief feature of the CRUDE DRUGS market. Spot supplies of Nicaraguan and Costa Rican root are almost exhausted, while there is little, if any, afloat. Import licences are not being issued for these types of root. It is understood that import licences for Matto Grosso or Minas ipecacuanha would be granted, in view of the bilateral agreement between Brazil and the United Kingdom, were these varieties available. Meanwhile, there are small stocks of Colombian root being offered, but not in sufficient quantity to satisfy normal autumn requirements. With new-crop supplies of Tolu BALSAM coming forward, the market is tending easier, and there are spot sellers of CANADA BALSAM at 12s. 3d. per lb. BUCHU is easier at origin. A good inquiry is being received for high-testing BELLADONNA ROOT, of which there are no supplies at present. CASCARA SAGRADA continues quiet. Quotations for the best grade Chinese RHUBARB are at 6s. 6d. per lb., while at the other extreme, inferior root of poor fracture is offered at 4s. 6d.; the spot market remains firm. Little business is reported in SENEGA, although the market is firmer. New-crop Alexandrian SENNA PODS now coming forward are of disappointing quality. ERGOT remains a difficult market; high prices are being asked from Portugal for old-crop material, while no offers are being made from other sources. The MENTHOL market is again firmer; Brazilian material on spot is quoted at 65s. per lb. Prices of Australian HONEY, now coming forward, are lower. In ESSENTIAL OILS markets, Chinese Star ANISE prices have increased, and new-crop French LAVENDER is appreciably dearer. CITRONELLA continues in short supply and the market is firmer.

U.S. Drug and Chemical Report

New York, August 19

FOLLOWING the reduction announced last week in prices of CAFFEINE ALKALOID, an adjustment has been made in rates for the DERIVATIVES to bring them into line. Demand for FORMALDEHYDE is increasing, and the continued good weather has kept up interest in such items as CITRIC ACID, TARTRATES, SODIUM BENZOATE, etc. MENTHOL is now quoted at $10.85 per lb. Feature of the CRUDE DRUGS market over the past fe days has been a reversal in the downwa trend of SENEGA; the root has been a vanced to $1.35 per lb. on the inside, fro $1.30, following reports that the new cr in the North-west will be smaller than la year. While activity has still not general shown an improvement in the drugs marke several tight corners are in evidence RHUBARB is more difficult to procure as result of doubts about future supplies fro the Far East, ERGOT is virtually unobtai able, and SENNA LEAVES are becomi stronger. There has been an increase in in ports of LAVENDER FLOWERS from France prices are lower at 60 cents per lb. I ESSENTIAL OILS markets, the new crop Mexican LIME may be smaller than w expected although the market is easier $6.50. BERGAMOT is dearer at $4.35 per l Indian oils are in difficult supply. Very fe offerings of Java CITRONELLA are bein received on the market here.

Pharmaceutical Chemicals

ACETANILIDE. — Quotations for 1-cw lots in kegs are at 2s. 1d. per lb. for crys tals and 2s. 2d. for powder.

BENZYL BENZOATE. — Makers offer B.P grade at from 4s. 3d. to 5s. per lb.

BORIC ACID.—Rates for B.P. grades ar unchanged as follows: Granular, £60 pe ton; powder, £62; powder, extra-fine, £64 crystal, £61. Rates for commercial are Granular, £48 per ton; powder, £51; pow der, extra-fine (or crystal), £53. Smalle quantities are from 1s. to 5s. per cwt more than the foregoing rates. Carriag paid (minimum 1-ton lots) in the U.K.

BROMISOVALERYLUREA.—Quotations ar from 37s. 6d. to 42s. per lb., as to quantity

BUTOBARBITONE. — Makers' prices fo small quantities are from 73s. per lb.

BUTYL CHLORAL HYDRATE. — In goo supply; prices are from 17s. 6d. per lb.

CAFFEINE.—Makers' prices per lb. are: ALKALOID, anhydrous, from 33s. 6d. to 38s. 6d., and B.P., from 31s. 6d. to 36s. 6d.; CITRATE, B.P.C., from 18s. 6d. to 23s. 6d.; SODIUM BENZOATE, B.P., from 21s. to 26s.; SODIUM SALICYLATE, B.P.C., from 21s. 9d. to 26s. 9d.; SODIUM IODIDE, from 25s. 6d. to 29s. 6d. Assorted orders may be booked with the exception of caffeine and sodium iodide (theobromine alkaloid and salts may be included). Containers: 14-lb. and 28-lb. tins free; other packages charged extra. Carriage paid on orders of £20 value and over.

CALCIUM GLUCONATE.—Quantities of upwards from 3 cwt. are quoted at 3s. 6d. per lb.; 1 cwt.—2 cwt., 3s. 7d. per lb.; smaller quantities up to 3s. 10d. per lb.

CHLORAL HYDRATE. — Current rates per for the home trade are: 1-cwt. lots, . ; 56-lb., 4s. 2d.; 28-lb., 4s. 4d.

CHLOROFORM.—Makers' prices for 1-cwt. s in winchesters are 3s. 2d. per lb.; 56-lb., . 2½d. In drums, prices are 3s. 0½d. and . 1d. per lb., respectively.

CHLOROXYLENOL.—B.P. quality is quoted 5s. 6d. per lb. in 1-cwt. drums.

CINCHOPHEN.—Steady. Prices are from s. to 30s. per lb., according to quantity.

CREAM OF TARTAR.—Makers' rates for e home trade are: 10 cwt. lots, 148s. r cwt.; 5-10 cwt., 149s.; less than 5 cwt. d more than 2 cwt., 150s.; 1-2 cwt., 2s., delivered.

GLYCEROPHOSPHATES. — Makers' list ices per lb. are as follows: CALCIUM LUBLE, 10s. 6d.; IRON SCALE, 11s. 9d.; CID, 20 per cent. (B.P.C.), 8s. 3d. AGNESIUM (INSOLUBLE), 10s.; MAGNESIUM OLUBLE), 19s. 3d.; MANGANESE, 24s. 3d.; TASSIUM, 50 per cent., 5s. 11d.; 75 per nt., 7s. 9d.; SODIUM, 10s. 9d.; 50 per nt., 4s. 7d.; 75 per cent., 5s. 8d. Quanties of 7 lb., 6d. per lb. less than above tes; other quantities in proportion.

HYDROCYANIC ACID.—B.P.C. (Scheele's) quoted at 1s. 5½d. per lb. and B.P. at . 1½d. per lb.

HYDROQUINONE.—Bulk rates are as folws: 10 cwt., 9s. 6d.; 5 cwt., 9s. 9d.; cwt., 10s.; 28 lb., 11s.; 14 lb., 11s. 3d. lb., 11s. 6d. per lb. Carriage paid in U.K.

HYOSCINE HYDROBROMIDE. — Makers' rices are from 115s. to 125s. per oz., cording to quantity.

HYPOPHOSPHITES.—Makers' rates per lb. r 7-lb. lots are: AMMONIUM, 9s. 3d.; ARIUM, 6s. 3d.; CALCIUM, 4s. 11d.; IRON, . 4d.; MAGNESIUM, 7s. 9d.; MANGANESE, . 5d.; POTASSIUM, 6s. 1d.; SODIUM, . 7d.

LACTATES — Current quotations are: ALCIUM, 2s. 2½d. to 2s. 6½d.; CALCIUM DIUM, 3s. 5d. to 3s. 9d. per lb. LACTIC CID, B.P., is 3s. 3d. per lb. in carboys, nd from 3s. 4½d. to 3s. 10d. in winchesrs.

LACTOSE. — Dutch (B.P.) is quoted at . 7d. per lb. for 5-ton lots; 3-ton, . 7¼d.; 1-ton, 1s. 7¾d.; less than one ton, . 8d., duty paid, ex wharf London. Engsh is from £120 per ton.

MAGNESIUM HYDROXIDE, B.P.C.—Makers' rice for 1-cwt. lots is 2s. 11d. per lb.

MERCURY SALTS. — Prices for the home ade are as follows: AMMONIUM CHLOIDE, B.P., powder, from 8s. 2d. (1-cwt. ts) to 8s. 10d. (7-lb.) per lb.; lump, 8s. 8s. 8d. BICHLORIDE, B.P., powder, . 9d. to 7s. 5d. per lb.; lump, 7s. 3d. to . 11d. CALOMEL, B.P., 8s. 2d. to 8s. 10d. er lb. RED OXIDE, B.P.C., and YELLOW XIDE, B.P., from 8s. 8d. to 9s. 4d. per lb.

METHYL SALICYLATE.—Current rates are as follows: Winchester quarts, 2s. 2½d. per lb.; 56 lb., in demijohns, 2s. 1d.; 1 cwt. in demijohns or carboys, 2s. 0½d.; 5 cwt., 2s. All prices are net.

MORPHINE.—Makers' rates per oz. are as follows:—ALKALOID, ⅛-oz., 63s. 9d.; 1-oz., 61s. 3d.; 2-oz., 59s. 9d.; 3-oz., 59s.; 4-oz., 58s. 9d. HYDROCHLORIDE, ½-oz., 53s. 9d.; 1-oz., 51s. 3d.; 2-oz., 49s. 9d.; 3-oz., 49s.; 4-oz., 48s. 9d. Prices of BIMECONATE and TARTRATE as alkaloid; and ACETATE, HYDROBROMIDE and SULPHATE as hydrochloride.

NICOTINIC ACID.—Quotations are about 40s. to 42s. per lb., as to quantity.

ORTHOCAINE.—Quotations are from 120s. to 125s. per lb., as to quantity.

PANCREATIN.—Prices range from 12s. to 13s. per lb. for B.P. quality; U.S.P. standard is offered at from 13s. 6d. to 14s. 3d.

PHENOLPHTHALEIN. — Steady. Makers' prices are: 1-cwt. lots, 6s. 10d.; 28-lb., 7s.; 14-lb., 7s. 3d. per lb.

POTASSIUM ACETATE, B.P.—Fine granular is 2s. 1½d. per lb. in 1-cwt. lots.

POTASSIUM ANTIMONYLTARTRATE.—Quotations are in the region of 7s. 10d. to 8s. per lb. The SODIUM salt is available at about 9s. per lb. for small quantities. ANTIMONIOUS OXIDE, B.P.C., is 6s. per lb.

PYROGALLIC ACID. — Quotations for CRYSTALS are: 1 cwt., 18s. 6d. per lb.; 56 lb., 19s.; 28 lb., 20s. RESUBLIMED is 22s. 3d. per lb. in 1-cwt. lots; 56-lb., 22s. 9d.; other quantities in proportion.

ROCHELLE SALT. — Rates per cwt. for powder or granular salt are: 5 cwt., 130s.; 1 cwt., 132s. 6d. Crystal is 2s. 6d. per cwt. more than the foregoing prices. SEIDLITZ POWDER, ordinary, is now 103s. 9d. per cwt.; extra strong, 111s. 6d. per cwt.; double strength, 116s. per cwt.

SULPHACETAMIDE. — Quotations are in region of 26s. to 30s. per lb. The SODIUM derivative is priced at 32s. 6d. to 36s. 6d. per lb.

SULPHAGUANIDINE. — Prices are from 17s. 6d. to 18s. 6d. per lb., as to quantity.

SULPHANILAMIDE.—Steady. Prices are as follows: 5 cwt., 6s. 3d.; 1 cwt., 6s. 6d.; 28 lb., 6s. 10d.; 14 lb., 7s.; 7 lb., 7s. 9d. per lb., net; packing extra.

THEOPHYLLINE. — Prices of ALKALOID range from 60s. to 65s. per lb., as to quantity; with ethylene diamine (AMINOPHYLLINE, B.P.) prices are from 70s. to 74s. per lb.

THYMOL, B.P.—Makers' prices are from 17s. 6d. to 18s. 6d. per lb., as to quantity.

VANILLIN.—Current rates are: 5 cwt., 22s. per lb.; 1 cwt., 22s. 3d.; 56 lb., 22s. 6d.; smaller quantities, 22s. 9d. per lb. Supplies from maker are on quota.

Crude Drugs

AGAR.—Steady. Kobé strip is offered at from 13s. 6d. to 15s. per lb., according to quality. South African powder, in tins in cases, is quoted at 18s. 3d. per lb., spot.

ALOES.—Prime Cape is offered at 115s. per cwt. on the spot; shipment, 105s., c.i.f. Curaçao is quoted at from 175s. per cwt., spot, and Socotrine at 170s.

ARAROBA.—Parcels afloat are quoted at 13s. per kilo, c.i.f., London or Liverpool.

BALSAMS.—Canada on the spot is easier at from 12s. 3d. per lb. Para *Copaiba*, B.P., 5s. 9d. per lb., on the spot, San Salvador *Peru* sellers at 4s. 9d. per lb., duty paid. *Tolu* is now offering at 8s. 6d. per lb., spot; shipment 7s. 9d., c.i.f.

BELLADONNA.—Jugo-Slav root is offering at from 3s. 11d. to 4s. per lb., duty paid, as to test; Jugo-Slav leaves (B.P.) are offered at 4s. 2d., duty paid. English leaves are offered at around 5s. per lb., as to test.

BENZOIN. — Steady. Sumatra good almondy block, on the spot, is offered at from £17 10s. per cwt., nominal; shipment, £17, c.i.f. Siam block (small almonds), £118, c.i.f.

BLACK HAW.—Root bark, on the spot, is offered at 4s. 6d. per lb., duty paid; tree bark, 3s. 3d., duty paid.

BUCHU. — New-crop short rounds, spot, 3s. 7d. to 3s. 9d. per lb., as to quality; forward, 3s. 3d. to 3s. 5d. per lb., c.i.f.

CALABAR BEANS.—Steady. Spot quotations are from 10½d. to 11d. per lb.

CAMPHOR.—Chinese tablets are quoted at from 7s. 6d. (½-oz.); no offers of ¼-oz.; refined natural powder (B.P.), 6s. 3d. to 6s. 6d.; slabs (2½-lb.), 7s. 3d. per lb., spot, London, duty paid. English synthetic powder, B.P., is quoted at 5s. per lb., and technical at 3s. 9d. per lb., in 100-lb. lots.

CANTHARIDES.—Quiet. Chinese on spot is offering at 7s. per lb.

CAPSICUMS.—African on spot offered at 95s. to 140s. per cwt., as to quality.

CASCARA SAGRADA.—Quotations for 1947 bark on the spot are at 175s. per cwt., duty paid. No offers of 1948 or 1949 peel.

CLOVES. — Zanzibar, 1s. 1¾d. per lb., c.i.f., quoted for August-September shipment. Madagascar, 1s. 2d. per lb., duty paid; 1s. 1d. in bond. Penang are quoted at from 3s. to 3s. 3d. per lb., spot.

COCHINEAL.—Silver greys on spot are quoted at 4s. 2d. per lb.; blacks, 4s. 9d.

GENTIAN.—French natural is quoted at 67s. 6d. to 70s. per cwt., on the spot.

GINGER. — Firm. African is offered at 255s. per cwt., spot. Jamaican No. 1, quoted at 240s. per cwt., spot; No. 2, 237s. 6d.; and No. 3, 235s.

GUM ACACIA.—Kordofan cleaned sor on spot, quoted at 71s. per cwt.; Augu September shipment now quoted at 6 per cwt., c.i.f. Bleached No. 1 is offered 132s. 6d. per cwt., spot. Talha is offeri at 47s. per cwt., spot; shipment, 40 c.i.f.

HONEY.—Reduced rates (per cwt.) f manufacturing honey, with effect fro August 1, are as follows: 1 cwt., 96s 5 cwt., 91s.; 10 cwt., 87s.; 20 cwt., 84 packed in 60-lb. drums, carriage paid. R fined repacked honey is available at t following rates per cwt.: In 56-lb. tin 100s.; 28-lb., 115s.; cases of four 7-l 130s., carriage paid.

IPECACUANHA. — Nicaraguan or Cos Rican, 25s. per lb., spot, nominal; Nicar guan, 23s., c.i.f., quoted at origin f prompt shipment. Colombian is offering the spot at 22s. 6d. to 23s. per lb.; at o gin, 22s., c.i.f., quoted.

JALAP.—Vera Cruz, spot, 2s. 6d. to 3 per lb. as to test. (10 to 15 per cent. resin Brazilian (13 per cent.) 1s. 6d., spot; 1 per cent. shipment, 2s. 8d. per lb., c.i.f.

LIQUORICE.—Anatolian natural root quoted at from 38s. to 45s. per cwt.; i cut lengths, 57s. to 60s.; Russian, fro 47s. 10d. Italian block is offered at 160 per cwt.; stick is quoted at from 240s. 475s., according to grade. Turkish block from 135s. to 189s. per cwt.; stick, 250 British block is quoted at 195s. per cwt.

MACE.—West Indian blade is quoted a 6s. per lb. on the spot; prices of picking are from 2s. to 4s. 6d., as to quality.

MALE FERN.—Jugo-Slav root is offered a 60s. per cwt., duty paid; in bond, 56s.

MASTIC.—Small tears (No. 2) are offe ing at from 13s. per lb., spot.

MENTHOL.—Firmer. Brazilian on spot i offered at 65s. per lb., duty paid, an 62s. 6d. in bond. From origin, 65s. 6d c.i.f., quoted; August-September shipment sellers at 62s. 6d., c.i.f.

MYRRH. — Aden sorts on the spot ar offered at £12 per cwt., siftings are quote at £6 10s. to £7 per cwt.

NUTMEGS.—West Indian 80's, quoted a from 2s. 7½d., on the spot, and August September shipment, 2s. 2½d. per lb. c.i.f.; sound unassorted, 2s. 1d., spot, an 1s. 8d., c.i.f. Singapore 80's are offered a 2s. 9d. per lb. on the spot; sound un assorted, 2s. 4d., spot.

NUX VOMICA. — Cochin is quoted fron 36s. to 37s. 6d. per cwt., spot; 29s. to 30s. c.i.f. Madras, for shipment, is quoted a 27s. per cwt., c.i.f. Cocanada is offered a 35s. per cwt., spot.

OLIBANUM.—Quiet. Fair drop is offered at 150s., peas at 190s., fair garblings, 125s., and siftings at 80s. per cwt.

'ODOPHYLLUM. — Indian (*emodi*) is on r at from 300s. per cwt., ex wharf, as resin content; American (*peltatum*) on t, 225s. per cwt., nominal.

QUILLAIA.—Only small supplies on spot. tural bark, 102s. 6d. per cwt., nominal; 125s., nominal; crushed, 160s., nomi- No forward offers reported.

RHUBARB. — Chinese common round on spot, of good quality, is quoted at from 6d. to 6s. 6d., duty paid, according to cture.

SENEGA.—Firmer. Spot quotations are n 6s 3d. to 6s. 9d. per lb.; forward, c.i.f., business done

SEEDS.—The ANISE market is un- nged. Cyprus is quoted at 150s. per ., duty free; Turkish, 140s. per cwt., bond, both spot London. CARAWAY.— tch is in poor demand at 107s. 6d. per t., duty paid, in London. CELERY.— lian remains firm at 1s. 2d. per lb., spot ndon. CORIANDER.—Firm. Morocco on t is 42s. 6d. per cwt., in bond, spot ndon. New-crop for shipment is quoted 42s. per cwt., c.i.f. London, for August pment. Argentine, spot London, has anced to 32s. 6d. per cwt., duty paid; l splits to 27s. 6d. per cwt., duty paid, store London or Liverpool. CUMIN.— changed. Cyprus is 150s. per cwt., spot ndon, and 130s. per cwt. c.i.f. London, prompt shipment. Morocco (in Liver- ol) is 135s. per cwt., in bond; and 145s. cwt., duty paid. Indian is in poor de- nd at 145s. per cwt., spot London. DILL. Indian is firm and unchanged at 55s. cwt., spot London. FENNEL.—Indian t, London is offered at 67s. 6d. to 70s. cwt., according to quality. FENU- EEK.—Market quieter. Indian is 57s. 6d. cwt., spot London; Morocco, 52s. 6d. cwt., duty paid in London and 50s. cwt., in Liverpool.

SHELLAC.—F.O.T.N., pure, is quoted at 0s. per cwt., ex warehouse London; F.O. andard 1, 340s.; fine orange, 370s. to 5s. per cwt.

SQUILL.—Italian fair white on spot is oted at 52s. 6d. per lb.

STROPHANTHUS—*Kombé*, 100 per cent., offered at 14s. per lb., spot.

STYRAX. — Spot quotations are from 8d. to 6s. per lb., duty paid.

TRAGACANTH. — Steady. Selected white bon, spot, is quoted at £90 per cwt.; ner white grades, from £40 to £70; pale f, £33 to £35; amber flake, £20 to £25; l, £12; hoggy, about £5 to £9 per cwt.

TONKA.—A small supply of Parà (fair sted) is offered at 7s. 9d. per lb., spot; inidad, quoted at 8s. per lb., spot.

TURMERIC.—Steady. Spot quotations for adras are from 114s.; afloat, 105s. per t., c.i.f.

WAXES.—Dar-es-Salaam BEES' is 340s. per cwt., spot; shipment, 330s., c.i.f. Sudanese, in bond, 310s.; for shipment, 285s. per cwt., c.i.f. Lindi, 335s. per cwt., spot; shipment, 327s. 6d., c.i.f. Benguela is steady at 305s. in bond, and 325s. per cwt., duty paid; for shipment, 275s., c.i.f. CANDELILLA.—Steady. Spot offers are 335s. per cwt.; September delivery, 310s. CARNAUBA. —Prime yellow is 685s. per cwt., spot; shipment, 605s., c.i.f. Fatty grey on spot is firmer at 465s. per cwt., for minimum quantities only; for shipment, 475s., c.i.f. MONTAN.—Reibeck is steady at 180s. per cwt., spot; shipment, 150s., c.i.f. OURICURI.—99.5 per cent. pure is quoted firmer at 460s. per cwt., spot; for shipment, 435s., c.i.f. A parcel of 3.6 per cent. impurities is offering on the spot at 440s. SPERMACETI.— Quotations are at 2s. 5d. per lb., spot.

Essential and Expressed Oils

ALMOND.—Sweet oil, B.P., on the spot, is offered at from 3s. 6d. to 4s. 6d. per lb. Bitter oil is quoted at from 27s. 6d. to 60s. per lb., as to grade.

ANISE.—Firmer. Chinese Star on spot is now quoted at 7s. 3d. per lb. in drums and 7s. 6d. in tins in cases.

CASSIA. — Firm. Quotations are from 16s. 3d. to 16s. 6d. per lb, spot; no offers from origin.

CASTOR OIL.—Basic price of pharmaceutical quality is £116 per ton, naked, ex mill Hull. Prices of unrefined oils are: Firsts, £110; seconds, £103.

CITRONELLA.—Firm. Ceylon is in short supply on the spot and from 5s. 6d. per lb. is asked; no offers of near shipment. Java is not coming forward in any quantity; from origin, 9s. 9d., c.i.f., is quoted, and Holland is offering at 10s. 3d. per lb., c.i.f.

CLOVE.—English-distilled bud oil is from 10s. 9d. to 11s. 6d. per lb., according to quantity; imported oil is offered at from 5s. 6d. to 7s.

EUCALYPTUS.—Firm. Spot quotations for 70-75 per cent. (B.P.) are from 3s. to 3s. 6d. per lb. for drums, as to seller; shipment prices have risen and are now from 3s. 9d. to 3s. 10d., c.i.f.

LAVANDIN.—Spot quotations are at from 8s. per lb. upwards as to quality.

LAVENDER.—Firmer. French, 38-40 per cent., on spot, is quoted from 16s. per lb.; 40-42 per cent., from 17s. 6d. Spanish spike is from 7s. 3d. per lb., spot.

LEMONGRASS. — Firm. Spot quotations are 8s. 9d. to 9s. per lb.; shipment, 8s. 3d. to 8s. 5d., c.i.f.

PATCHOULI.—Singapore is firm at from 40s. to 42s. 6d. per lb., spot, with little demand; forward, 36s., c.i.f., indicated.

TEASEED. — Spot quotations for refined oil are at 24s. per gall.; September, 23s. 6d.

TRADE MARKS

(From the "Trade Marks Journal," August 3)

For all goods (3).—"BLIX"; by J. Bibby & Sons, Ltd., Liverpool; 669,628. "SANHAUSA"; by May & Baker, Ltd., Dagenham; 680,462.

For laxatives (5).—"LAXITONE"; by Trinity Laboratories, Ltd., Blackburn; 671,301.

For all goods (5).—"NYDRANE"; by Jan Marcel Didier Aron, Suresnes, France; 676,296. "SAVLONYL"; by Imperial Chemical (Pharmaceuticals), Ltd., Slough; 675,992.

For photographic apparatus (9).—"DE VERE"; by De Vere (Kensington), Ltd., London, W.8.

For scientific glassware (9).—"E-MIL" on circular two-colour device above words "green line" or "gold line"; by H. J. Elliott, Ltd., Pontypridd; 674,993 and 674,994.

For dental apparatus (10).—"FLOSSY"; by Flossy Dental Corporation, Chicago; B661,138.

(From the "Trade Marks Journal," August 10).

For industrial adhesives (1).—"OMNI" and cog-wheel device; by Omni Products Corporation, New York; 653,123.

For photographic chemicals (1).—"TOPASOL"; by Ozalid Co., Ltd., London, E.C.2; 662,986.

For industrial chemicals (1).—"PATRAMOLD"; by the Printing Packaging & Allied Trades Research Association, Leatherhead; 668,599.

For chemical products (1).—"MEM"; by Midland Electric Manufacturing Co., Ltd., Birmingham; 669,912.

For industrial and scientific chemicals (1).—"FUFF"; by Expanded Rubber Co., Ltd., Croydon; 674,844.

For non-medicated toilet preparations (3).—"WATZIN KEROTINO"; by Henrik Gahns Aktiebolag, Uppsala; 669,437. "CHINCHILLA"; by Parfums Weil Paris, Paris; 671,849. "PAN-STIK"; by Max Factor & Co., Los Angeles; 671,926. "JELLINOL"; by Langman, Ltd., Saltburn-by-the-Sea; 674,336. "ARAMANTA"; by Hagman Laboratories (1933), London, London, N.11; 680,740.

For detergents (3).—"METSAPOL"; by Joseph Crosfield & Sons, Ltd., Warrington; 673,045.

For all goods excluding socks for curative purposes (5).—"BOOTS" in distinctiv lettering; by Boots Pure Drug Co., Ltd Nottingham; 675,473.

For vermin-destroying preparations an insecticides, etc. (5).—"FARMADDITE" an "AGRIDDITE"; by Insecticide Activate Products, Ltd., London, E.C.3; 666,72 and 667,541.

For disinfectants (5).—"ARNOL"; b James Arnott & Sons, Ltd., Newcastl B667,193.

For pharmaceutical preparations (5).— "FORMO-CIBAZOL" and "BRADOSOL"; b Ciba, Ltd., Basle; 667,963 and 675,96

For soaps (3).—"SILORA"; by New brights, Ltd., Liverpool; 671,400.

For surgical, medical, dental and veterinary instruments and apparatus (10).— "M.I.E. LTD." in diamond shape; b Medical & Industrial Equipments, Ltd London, W.1; B660,224.

For vermin killing preparations (5).— "FREEFAV"; by Waters' Commercial Pr ducts, Stroud; 676,403.

For scientific apparatus (9).—"MEPLEX"; by Truvox Engineering Co., Ltd Wembley; 662,491.

FIFTY YEARS AGO

The Malarial Mosquito

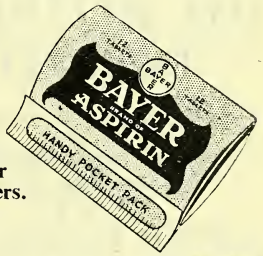
(From the C. & D., August 26, 1899).

MAJOR ROSS, who is in charge of the ex pedition which has gone out to Sierr Leone to discover the malaria-bearin mosquito, telegraphed on Monday that h had found it there, and he asks the Gov ernment to send him out men to assist i the investigation. Major Ross is th member of the Indian Medical Servic who has demonstrated that this particula mosquito infects man with malaria. It ha long been surmised that there is some con nection between mosquitoes and malaria but it was reserved for Major Ross whil in India to establish the fact, and to prov that, although mosquitoes exist which pla no part in carrying malaria, there is on species which undoubtedly does. He estab lished his hypothesis by discovering in thi species the remains of the malarial para site, and in a series of papers publishe in the medical journals, and demonstra tions made before the Royal Society, h has traced the life-history of the parasit within the organism of the mosquito fro the time that the insect imbibes the para site to its ejection when the insect bites a person.

A Fixed and lasting quality—

yer Aspirin is regarded with confidence by physician, pharmacist, and e man in the street. The original aspirin, it is still the choice of e discriminating; the brand for those who require only the best.

r the pharmacist who stocks Bayer Aspirin, ere are attractive bonus offers, showcards, gener- s window display terms — and repeat orders.



The 12 × grn. 5 pack *(-/7½ inc. P. Tax).* Bonus 13 to the dozen on 3 dozen. Also qualifies, with 25's and 100's for bonus terms on 24/- and 48/- mixed orders.

Subject to 33⅓% discount.

AYER PRODUCTS LIMITED

RICA HOUSE, KINGSWAY, LONDON, W.C.2 (HOL. 8730

Liquid Paraffin White Oils and Petroleum Jellies

Further information, samples and quotations on request to Dept. PA.1.

PUREMOR LTD

Distributors for

MANCHESTER OIL REFINERY LIMITED

M·O·R GROUP OF COMPANIES

Twining Road, Trafford Park
Manchester 17

BRITISH REFINED OILS

GUM TRAGACANTH

GUM KARAYA
WHOLE AND POWDERED

M. HAMBURGER & SONS
DIRECT IMPORTERS
Ceylon House
EASTCHEAP, LONDON, E.C.3
Telephone: Mansion House 4405 (3 lines)

Stock and Sell

Infra-Red and Ultra-Violet
Ray Therapy Appliances.

PERIHEL LIMITED

17 EDGE STREET · LONDON · W.8 *Phone PARk 7870*

Importers and Exporters of Pharmaceutical Chemicals; and Manufacturers' Agents.

Established 1890 *Cables: Windschuegl London*

CHAS. H. WINDSCHUEGL LTD.

1, LEADENHALL STREET, LONDON, E.C.3

MAG. CARB. POND. B.P.

PROMPT DELIVERY
GOOD PACKING
COMPETITIVE PRICE

DUNN BROTHERS' SUCCRS. LTD.
1 Booth St., Manchester

STANDARD SYNTHETICS LIMITED

Actual distillers of Essential O

Manufacturers of Aromatics, Perf
Bases and Flavours.

We specialise in Cinnamon Bark
Juniper Berry Oil, Win
green Oil, Eucalyp
French Lavender Oil,
peneless Lemon Oil, F
Perfumes, etc.

76 Glentham Rd., Barn
London - - S.W.1
Telephone:- Riverside 3616

Manufacturers of **TANNIC ACID** (Bulk Supplies Only)
ALL QUALITIES

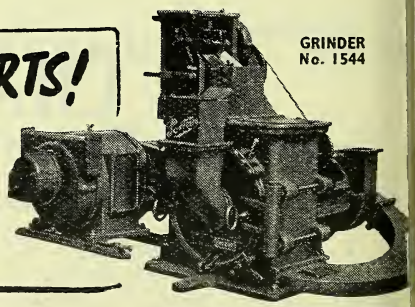
THE BRITISH DYEWOOD COMPANY LTD.
19 St. VINCENT PLACE, GLASGOW, C.1

Telephone: CENTRAL 4425 *Telegrams: DYEWOOD*

CALL IN THE EXPERTS!

The best way to ensure satisfaction in grinding is to call in the experts—Porteus. Not only do they know what exactly is required, but they can and do invariably advise on the best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now ?

GEORGE PORTEUS & Sons (Leeds) Ltd.
LEEDS BRIDGE WORKS, LEEDS 10



GRINDER No. 1544

G.P.7a

BRANNAN
THERMOMETERS
for
UPREME ACCURACY

SEE OUR **STAND**
AT CHEMISTS EXHIBITION
SEPT. 19-23
(STAND No. 91)

CRUDE DRUGS

BROME & SCHIMMER
WHOLESALE DRUGGISTS
BOTANICAL DRUG IMPORTERS AND SPICE MERCHANTS, DRUG AND SPICE MILLERS
7 LEATHER MARKET, LONDON, S.E.1

A FINE SELLING LINE OF
ot water bottles

oseley moulded Hot Water Bottles e supplied in an attractive range of olours, whilst hand-made fabric einforced are manufactured in red nd white. The name 'MOSELEY' n every bottle stamps these goods s the products of a firm experienced or over a century in the finest orkmanship in rubber.

MOSELEY

Further details, and terms, from:
AVID MOSELEY & SONS LTD.
Ardwick, Manchester, 12,
d at 53/55. New Bond St., London, W.1.,
4, George Rd., (Islington Row) Edgbaston,
Birmingham, 15.

AMBER

fine

CHEMICALS

BROMISOVALERYLUREA

BENZOCAINE

PHENOBARBITONE

THEOPHYLLINE

ETHYLENE DIAMINE

APL FINE PRODUCTS

AMBER PHARMACEUTICALS LTD.

MANUFACTURERS OF FINE CHEMICALS AND PHARMACEUTICAL PRODUCTS

BYRON HOUSE, 7-9, ST. JAMES'S STREET
LONDON, S.W.1.

CROSSED KEYS BRAND

Chemicals

INDUSTRIAL & FINE

including:

HYDROGEN PEROXIDE

Benzoyl Peroxide, Calcium Peroxide, Magnesium Peroxide, Sodium Perborate, Sodium Percarbonate, Titanium Dioxide, Urea Hydrogen Peroxide, Zinc Peroxide

LAPORTE

LAPORTE CHEMICALS LTD., LUTON.

Phone: Luton 4390 Grams: Laporte Luton

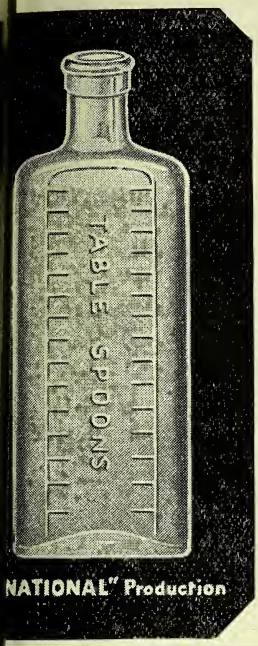
JKL

ADONIS VERNALIS
AGAR AGAR
ALOES
BELLADONNA LEAVES and ROOTS
CAMPHOR, JAPANESE
CINCHONA BARK
COLTSFOOT LEAVES
LIQUORICE ROOT and JUICE
MALEFERN ROOT
MARSHMALLOW ROOT
NUX VOMICA
STROPHANTHUS KOMBÉ and GRATUS
TONQUIN BEANS
VALERIAN ROOT

and all Culinary Herbs and other Botanical Drugs

JOHN KELLYS (LONDON) LTD.

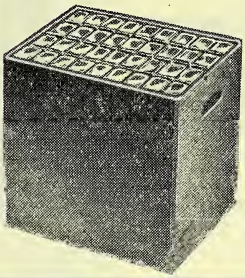
24 OLD BROAD STREET, LONDON, E.C.2
Telephone: LONdon Wall 4882, 6585, 6586
Telegrams: "Ergotine, Stock, London"



"National" Dispensing Bottles

are Strong, Serviceable and Sure-selling

NEATLY PACKED IN 6 DOZ. RETURNABLE CARTONS



★ *CONVENIENT IN SIZE*
★ *EASY TO HANDLE*
★ *UNIFORM IN QUALITY*

SCREW CAPS SUPPLIED IN WHITE-ENAMELLED METAL

Vials

of " NATIONAL " quality

anging in size ½ oz. up to 3 oz.
lain or teaspoon graduations
Medium and tall types.

ANUFACTURED IN BEST QUALITY
VHITE FLINT, AND PACKED IN
RETURNABLE CARTONS

TRADE (N) MARK

ational Glass Works (York) Ltd.

ks: FISHERGATE, YORK
hone: York 3021

London Office: 105 HATTON GARDEN, E.C.1
Telephone: Holborn 2146

WHOLESALE ONLY

H&S

PHARMACEUTICAL CHEMICALS
ALKALOIDS · DRUGS · OILS
★
Manufacturers of
BENZAMINE & SALTS
CUPFERRON
METHYL ACETANILID
THEOPHYLLINE & SALTS
BULK & PACKED
IMPORT & EXPORT

HUFFER & SMITH LTD
WHOLESALE & MANUFACTURING CHEMISTS
CROYDON, ENGLAND

Telephone : THORNTON HEATH 4266-7
Telegrams :
HAHU, CROYDON SANTONINIC CROYDON

FOR LIQUIDS OF
EVERY CONSISTENC

MITCHEL

RAPID MIXING
STIRRING UNIT

For mixing liquids of every consistency, you need a mixer that is adaptable and versatile. We can fulfil both these requirements, and from our wide range, there is sure to be one for your particular job. Why not consult us ?

The illustration shows a portable mixing unit, clamped to the side of a tank in a chemical works.

L. A. MITCHELL LIMITE
37 PETER STREET · MANCHESTER

MX.3

OVER 35,000 already so

The OUTFIT, comprising 8 oz. bottle of Rentokil Timber Fluid complete with injector, retails at 10/6

(Packed in attractive Display Box)

The Rentokil Junior Injector (for for timber fluid into wood worm fl holes) has already 35,000 satisfied u Advertisements are now appearing in *People, News of the World, Sunday Em News, Daily Mail, Express, News Chron etc., etc.* Hundreds of letters are b received from the public asking where injector can be obtained locally — DO LOSE A SALE—When your customers for the Rentokil Junior Injectors, MA SURE YOU HAVE THEM. If you hav

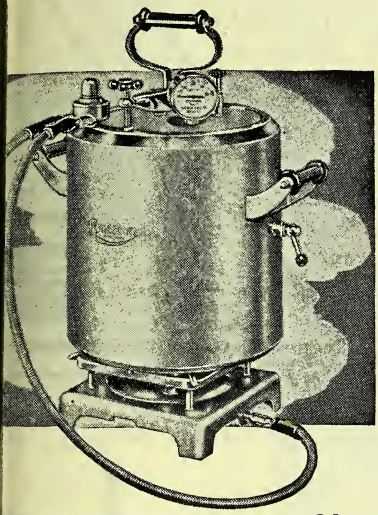
WRITE OR PHONE IMMEDIATELY

RENTOKIL LT

SCHOOL LANE, FETCHAM, LEATHERHE
SURREY *Telephone:* LEATHERHEAD 40

CON · PENTECON · PENTECON · PENTECON

he advantages of the ENTECON Autoclave



HERMOSTATIC CONTROL

ermostat, independent of the pressure factor, most accurate means of obtaining a consistent ature. Designed for use over a gas ring or e burner, it is constantly in control, after adjustment to suit the requirements.

e from a special formula aluminium, the ntecon' is light and handy to move about. lid design provides a steam-tight joint, h cannot be opened under pressure.

use saturated steam, allowing operation at r pressure in relation to temperature, an Blow-off Valve is fitted. A Pressure Regu- Valve whistles when the required tempera- is reached.

temperature of a liquid in an open vessel in the 'Pentecon' can be checked by pre- sly inserting a chemical thermometer ugh a gland in the lid.

ACITY—11" x 10½". Contents approx. 26 or seven 20 oz., or M.R.C. Standard d Bottles.

'Pentecon' is economical in price and ating costs. Price (excluding gas ring and ible tubing, which are not plied) **£16.16.0**

descriptive leaflet will be sent, post free, on t to Dept. 3, Pentecon, Ltd., Accrington. Please n the name and address of your normal supplier.

ITECON LTD. ACCRINGTON

If

you agree

that the pack

makes the product,

you should let

Petrushkin

make the

pack

M. PETRUSHKIN LIMITED. *Established 1894*
Cardboard Box Manufacturers and Printers.
183 BOW ROAD, LONDON, E.3 • *Advance 3131-2*

CIMLAC GAUZE

A bland dressing incorporating antiseptics of proved low toxicity in a sterilised glyco-gelatin base, which provides marked healing and coagulating properties.

By seepage into the wound and diffusion over the adjacent skin surfaces, the medicament rapidly inhibits Gram-Positive organisms, in particular Staph. Aureus, Strep. Haemolyticus, Strep. Viridans and also B. Pyocyaneus.

CIMLAC GAUZE will remain moist and non-adherent and easy removal is secured without danger of rupture to the delicate epithelium and granulative tissue.

For use as a general dressing for Burns, Accidental and Operational Wounds, Boils, Carbuncles, Varicose Ulcers, Trophic Ulcers, Bed Sores, and as a post-operative dressing in rectal operations and the preparation of tissue surfaces for skin grafts.

Formula: 5 - Amino - Acridine 0.1% : Hexylresorcinol 0.1% : in a sterilised glyco-gelatin base.

Packed to facilitate non-touch technique in boxes of 24 pieces 4′ × 3½″.

Price 6/6d. per box. Medical discount 10%. Price to Hospitals 5/- per box. Exempt Purchase Tax. Carriage Paid Home on orders over £2 in value.

WRITE TO...
CALMIC LIMITED CREWE HALL CREWE

ZEAL

Clinicals

The Choice of Experts

BRITISH MADE

NO HIGHER IN PRICE THAN NONDESCRIPT MAKES

Also Household, Bath and Works Thermometers, the best of their kind

G. H. ZEAL LTD.
LOMBARD RD., MORDEN RD., LONDON, S.W.19
Phone: Liberty 2283-4-5

AN ALL COTTON WOOL PRODUCT OF REP

Consolux

Patent No. 4107

(Registered)

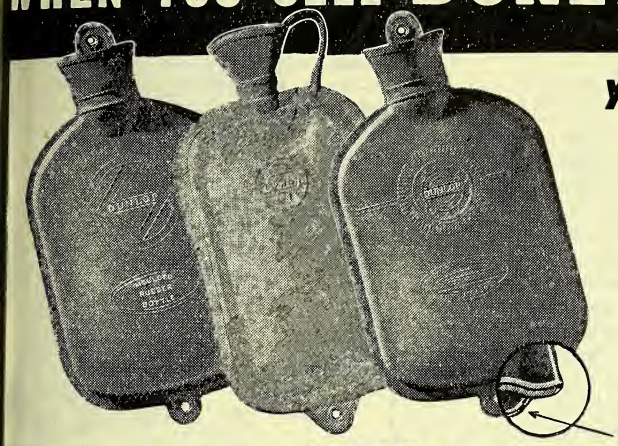
SUPERFINE QUALITY
ALL WOOL SANITARY TOWE

LOOPED ENDS
NON-ABSORBENT BACK

WHOLESALE ONLY

ROBERT BAILEY & SON, LT
SURGICAL DRESSING MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPO
Phone: GREAT MOOR 3006 Grams: "UNDISPUTED," STOCKP

WHEN YOU SELL DUNLOP . . .



you sell lasting goodwill

These three famous Dunlop Hot Water Bottles —the Moulded All Rubber, the Moulded Fabric Insertion and the Hand Made Bottle—are obtainable from your usual wholesaler.

Dunlop Moulded Fabric Insertion built like a tyre

OCK UP NOW WITH DUNLOP HOT WATER BOTTLES

The Name your Customers trust

9G/SG5A

FILLING
YOUR NEEDS . . .

AN AUTOMATIC ARY FILLER for MEDICINES IONS, ANTISEPTICS, ETC.

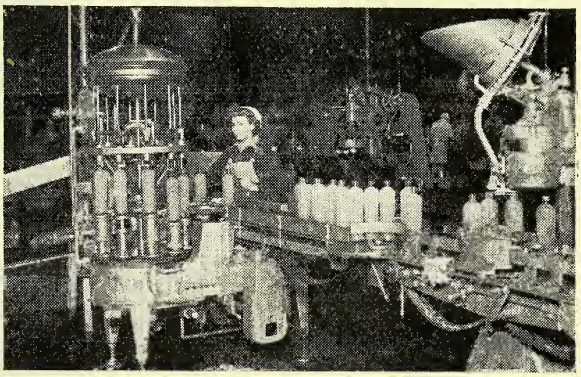
e ALBRO Filler illustrated is a -Head model for the automatic ling of a large range of Pharma utical products.

BRITISH—it's one of ALBRO'S range of Rotary Vacuum Fillers result of 30 years' specialization e low Vacuum filling method. less and completely automatic embodies exclusive ALBRO es to fill *your* needs with speed, acy and economy!

R ENQUIRIES ARE INVITED

ALBRO

ERS & ENGINEERING CO. LTD.
Northampton Works
son's Road, Wood Green,
London, N.22
(Bowes Park 2217-8)



Only ALBRO offers ALL these features

* VALVELESS and Completely Automatic.
* Fills accurately to pre-determined level — no waste, overflow or drip.
* Bright polished stainless steel where in contact with product.
* Faulty bottles will not fill and are automatically rejected.
* Easily sterilized—rapidly adjusted to different size bottles.
* Conveyor delivers bottles from Washer to Filler—Filler to Capper.
* Models from 10 to 24-Head with outputs from 200-600 doz. per hour.
* Models for powders, creams, liquids into tins and drums; conveyor packing tables; stopper and lid pressing machines, etc.

We are TOTALITARIANS

ABOUT CORKS

LET'S admit it. So far as corks are concerned, we're out-and-out dictators. Regimentation, standardization—these are our watchwords. We plead guilty to our reputation for reducing corks to a state of *unbelievable* uniformity.

"Want to be *different*, eh?"

We do it by sheer ruthlessness. Corks hate us! Boiled alive, pressed flat, shut in the dreaded "hot-box," they are then sliced and punched, tapered, sanded, notched, bleached and branded—no atrocity is spared to stamp out individuality.

Not a cork can escape; many are completely eliminated. Sometimes only 5 per cent. of a *whole batch* survive to become corks of our Grade A quality. If a cork is even 1/63rd of an inch too small, it is pitilessly rejected and ground into by-products.

* * *

IF YOU, too, feel totalitarian about corks, and want them, in each grade, as uniform in size and quality as skill and experience can make them—please get in touch with us by letter or telephone. Armstrong Cork Company, Ltd. (Closure Division), Kingsbury, London, N.W.9. Telephone: Colindale 7080. Scottish Branch: 5 Oswald Street, Glasgow, C.1. Telephone: Central 5703.

FREE ON REQUEST. The handy Armstrong String of Standard Cork Sizes shows at once what size you want—whether for dispensing or for ordering supplies. May we send you one?

ARMSTRONG'S CORKS

CORKS · CROWN CORKS · MOULDED CAPS

HERE'S A CORN REMEDY YOU CAN'T BEAT

Hobson's Choice removes Corns in 3 to 7 days it is safe, sure and painless. Backed up widespread advertising it has become leading CORN CURE on the market to-day

Retail Prices:

Plaisters - - 2½d.

Powders - - 1½d.

Combination Pack - 9d.

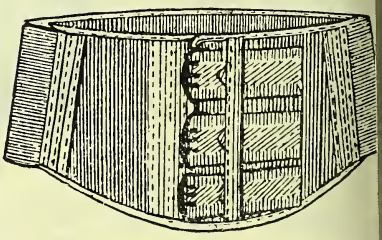
HOBSON TRIMBLE & CO., LTD
UNION HOUSE, LEEDS,

Sole distributors for Scotland:
SOUTHERN MANUFACTURING CO., LTD
187, St. Vincent Street, Glasgow, C.2.

"Clifton"

Brand

SURGICAL APPLIANCES and SUNDRIES
ABDOMINAL BELTS and CORSETS
SUSPENSORY BANDAGES
JOCK STRAPS ELASTIC HOSIERY
TRUSSES CHEMISTS SUNDRIES



Appliances N.H.S. All types
Special terms to wholesalers

Write for price list

CHARLES WILLIAMS & Co.
(Propr.: A. G. Price)
STONEY STREET · BEESTON NOTTS

Milward's

NEEDLES . . . . . LEADERS SINCE 1730

British and Empire
butors (except Canada)

Chas. F. Thackray LTD

Milward's

IRON ARM

Registered Trade Mark

SURGICAL NEEDLES

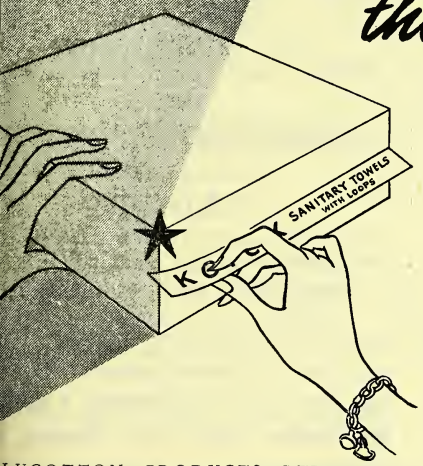
Two hundred years ago Milward's reputation in needle-making craftsmanship was established. All that tradition has taught and modern metallurgy perfected is reflected in the unusual strength, intense sharpness and mirror finish of the latest Milward's Iron Arm Surgical Needles. Supplies of all standard patterns are available.

Enquiries welcomed.

Catalogue sent on request—also illustrated price list of Milward's VIM Hypodermic Syringes and Needles.

Head Office: THE OLD MEDICAL SCHOOL, PARK STREET, LEEDS, 1
Also at 38 WELBECK STREET, LONDON, W.1

Favourite with women the world over



★ Simply remove the perforated strip and the plain box is ready for sale.

KOTEX

SANITARY TOWELS
WITH LOOPS

1/10d. per Box (C.P.R.C Approved)

LUCOTTON PRODUCTS LTD., 33/34 AYLMER PARADE, LONDON, N.2.

CRASH!

share the success of this amazing

FLY SPRAY

NATIONALLY ADVERTISED

A WINNING NAME

IMMEDIATE ACTION

Crash Fly Spray is in demand! Its proven deadly effect on flies and insects, has created an enormous public demand! This year it is to be advertised for the first time in leading national dailies and the Radio Times. Make sure you are carrying stock to meet the demand.

Also CRASH POWDER, packed in sprinkle topped drums. For home and pet use; a persistent and certain killer of Ants, Cockroaches, Clothes Moths, etc.,

9d. or 2/- sizes

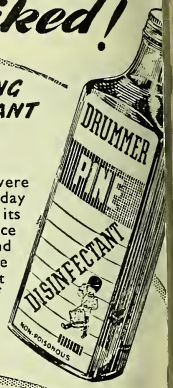
Write for details of very attractive terms

ORDER TODAY

BELL & SONS LTD
SILVERDALE WORKS
LIVERPOOL 13

WELL KNOW
— *and liked!*

THE OUTSTANDING PINE DISINFECTANT and GERMICIDE



To maintain quality, supplies were restricted during the war, today Drummer Pine rapidly regains its leading position in consequence of the goodwill of the trade and public. People have confidence in the powerful disinfectant germicidal properties of DRUMMER PINE and they love the fragrance that "spells clean."

Large posters and press advertising commenced June

WILLIAM EDGE & SONS LTD BOLT

FOR DESTROYING RATS and MIC
HALLER'S EXTRACT OF SQUIL
is always in demand as it is a standar product, controlled by Bio-assay test

For the destruction of Beetles, Cockroaches, Crickets, etc., USE

"DANZO BEETLE POWDER"

"CADOG"

Parasiticide and Insecticide in liquid form destroys all kinds of noxious insects:—
Bugs, Lice, Fleas, Moths, etc.

Address all enquiries for preparations for th destruction of Domestic Pests to :—

HALLER LABORATORIES, LIMITE
325, BOROUGH HIGH STREET, LONDON, S.E.

Food needs are Great

POROSAN SALES SOARING

PALM PRESSURE
MOULDS CAP ON!

Thanks to the
UNIQUE
POROSAN RING!

Thanks to the unique POROSAN Ring, which enables mere palm pressure to effect a perfect seal, the new POROSAN Jar is already in great demand. Fruit bottlers will appreciate its one-piece closure, the wide mouth for easy packing, and its sturdy "stack-em-up" shape. Stocks of all POROSAN lines are now available, but ORDER EARLY to ensure supplies in good time for the season. Attractive Sales Aids are available on application.

ail prices:
b. size **7/6**; **2**-lb. size **9/6**;
b. size **12/6** per dozen.

POROSAN
s and Rings for 1-lb. and
. jam jars or for replace-
t purposes for POROSAN
: caps and rings 3/- per
; rings only, 1/- per doz.

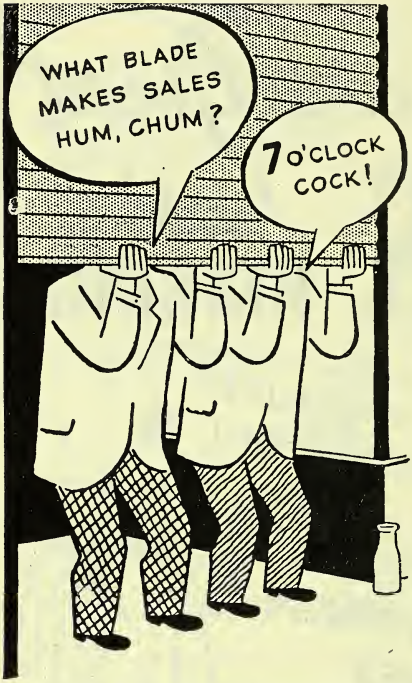
POROSAN
Preserving Skin for odd jars. Improved, thicker and better than ever before. Made in rolls sufficient for 6 and 18 jars at 2/- and 5/- per roll respectively.

Sole Distributors to Chemists

S. HAW, SON & SONS, LTD

P.O. Box 54 BARNET, ALDERSGATE HOUSE, BARNET, HERTS.

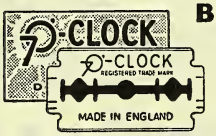
Marketed by POROSAN LTD. 4-5 WARWICK COURT, LONDON, W.C.1



You hear the phrase everywhere you go—"7 o'CLOCK, Cock!" And the result is an ever-increasing demand for 7 o'CLOCK blades. Triple-ground for extra sharpness, 7 o'CLOCK are *consistently* keen—you never find a "dud" among them! A display of 7 o'CLOCK blades on your counter is a sure way to keep your till ringing.

7 o'clock

BLADES



11D FOR SIX (including tax)

Actually **COST LESS** *than* **PRE-WAR!**

Trade enquiries to your wholesaler or to Gillette Industries Ltd., Gillette Corner, Great West Rd., Isleworth, Middlesex

TAX PAID STOCKS

CULMAK Shaving Brushes 25/- doz.
BEST NYLON TOOTH BRUSHES 4/6 doz.

Wholesale Enquiries Welcomed

WE CARRY COMPREHENSIVE STOCKS OF ALL CHEMISTS SUNDRIES AND SIDELINES

Send for our Post Paid Free C & D Price List

L. FRANKENBERG LTD.
37 HOUNDSDITCH, E.C.3

HARVEY'S

Horse Remedies

P.A.T.A. Protected Prices

Supplies can be obtained through all Wholesale Houses

HARVEY & CO. (DUBLIN) **LTD.,** DUBLIN

TRANSPARENT BAGS

FLAT BOTTOM and GUSSET PLAIN and PRINTED

Please send your enquiries to:

F. W. CROOKES & SONS LTD.
Wharncliffe Works, Green Lane, Sheffield

who have now installed the MOST MODERN MANUFACTURING PLANT for TRANSPARENT BAG MAKING

INDIA imports huge quantities of drugs, fine chemicals, pharmaceuticals, cosmetics, sundries. To reach importers, forg. mfrs. representatives and Indian manufacturers (also Pakistan, Ceylon) advertise in CHEMIST & DRUGSTORE NEWS.

Copy, details free,
31 Hamam St., Bombay, 1
3

..YOU have asked for it... and here it is!

The most popular mice repellent on the market

NEW SMART ONE DOZEN

1/- SCRAM

COUNTER DISPLAY BOX

8/9

Also available in 3 doz. Display Box at 25/6

NATIONALLY ADVERTISED

- NO BAIT
- NO TRAPS
- MORE THAN 1,000,000 PACKETS SOLD PER YEAR
- CLEAN, NON-POISONOUS AND SAFE
- HARMLESS TO CHILDREN AND PETS

Display the

Order from your Wholesaler or direct.

PACKS THAT SELL, SELL, SELL!

RAM PRODUCTS LTD. (C.D.), Dartmouth Park Hill, London, N.W.5

The name that means everything to a Woman

VELENA

Soluble Sanitary Towels

In packets of Six 10½d. and packets of Twelve 1/9d.
Velena, Alperton Mills,
Alperton, Middx.

One of the new VELENA advertisements now appearing in the daily press and selected women's magazines . . . an estimated total readership of over 12 million women. This, and the high quality of VELENA, is your assurance of steady *and increasing* demand.

Trade enquiries to **VELENA**
Alperton Mills, Woodside End, Mount Pleasant Alperton, Middlesex.

Steadily drifting South..

Askit

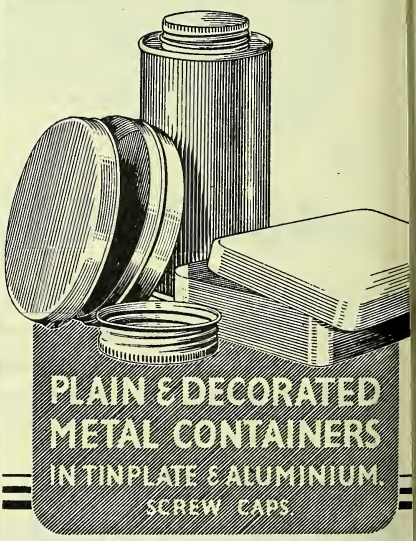
THE POWDER WITH A REPUTATION

For over 30 years Scotland's leading Proprietary Medicine

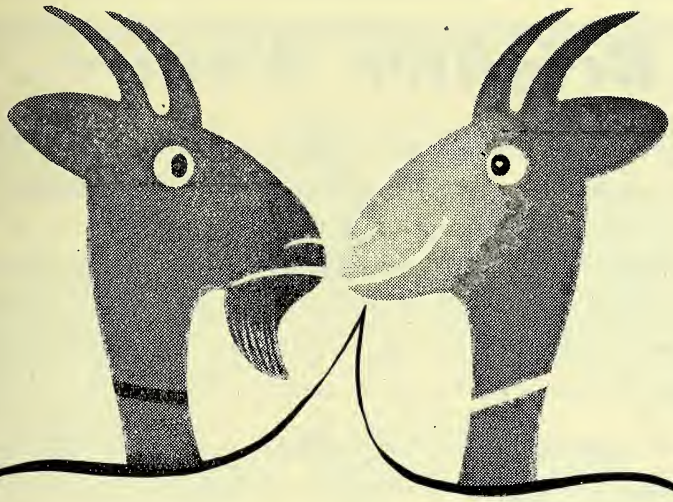
for the speedy relief of Headaches, Neuralgia, Neuritis and all Nerve Pains.

Manufactured by
ASKIT LTD MANUFACTURING CHEMISTS
GLASGOW N

and stocked by
ALL LEADING WHOLESALE HOUSES



AVON TIN
PRINTERS LTD
IMPERIAL WORKS, ST. GEORGE, BRISTOL,
GRAMS TINPAX BRISTOL PHONE BRISTOL 57877/



'The Gillette one-piece Razor and the new Dispenser are quick sellers'

Gillette advertisements are supporting your selling, day in, day out. Tie up with them by a prominent display, and get your share of the increased business that has followed the introduction of the one-piece Razor and Dispenser. Tell your customers how, with a simple thrust of the thumb, the Dispenser instantly delivers an unwrapped Blue Gillette Blade, ready for immediate use.

Trade enquiries to your usual wholesaler.

Good mornings begin with Gillette

Gillette Industries Ltd., Great West Road, Isleworth, Middlesex

A Brighter Future . . .

There is good news for our customers at last. An increase in deliveries of raw material means that some increase in supplies will be available to our stockists in the months ahead. As is our usual policy the benefits of this increased production will be passed on in the form of a reduction in price. Stanex and Andrex toilet tissues and Stanex paper handkerchiefs are effected by this price change and our revised price list appears below.

In the meantime we are most grateful to our old customers and to the hundreds of potential-customers for their patience and understanding of our unique and most difficult position.

ST. ANDREW MILLS' PRODUCTS include:

		RETAIL PRICE (*incl. Pur. Tax*)
ANDREX	The softest Toilet Tissue—made entirely of the purest materials	1/0d. per roll
ANDROL	A glazed paper of high quality	1/1½d. ,, ,,
STANEX	Absorbent unglazed paper *not* harsh or bulky crepe.	11d. ,, ,,
MARVO		9½d. ,, ,,
SAMARITAN		8d. ,, ,,
ANDREX PAPER KITCHEN TOWELS (Now free of Purchase Tax)		1/6d. ,, ,,
STANEX PAPER HANDKERCHIEFS (Now free of Purchase Tax)	(per packet of 40 handkerchiefs)	6d.

Wholesale only:

ST. ANDREW MILLS LTD.

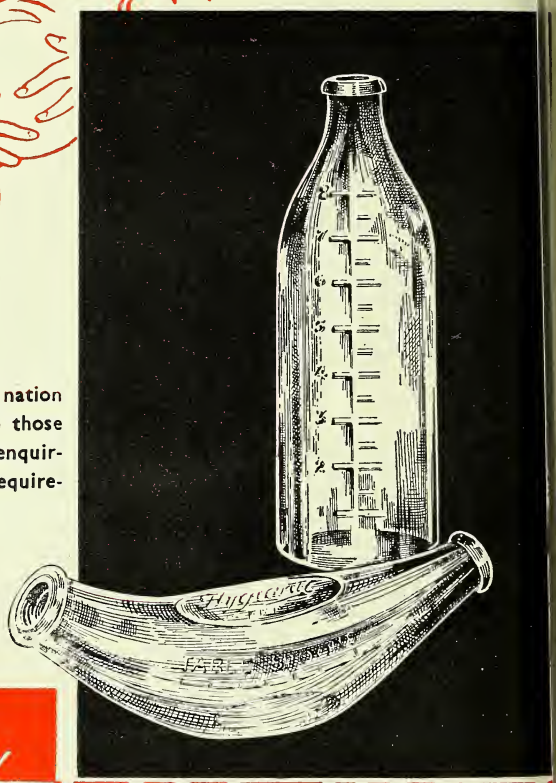
TELEPHONE: LARKSWOOD 1014-5-6

WALTHAMSTOW, E.17

oulded Hot Water Bottles
Fabric Hand-Made Hot Water Bottles
spital Sheetings, Etc.
Bathing Caps, Beach Balls
Mandelle
MADE IN GREAT BRITAIN
MANDELLE
Caps
J. MANDLEBERG & CO. LTD.
Seaford Road, Salford, 6, Lancs.
WHOLESALE ONLY

INFANT FEEDING BOTTLES

ESSENTIAL FOOD AND DRUG CONTAINERS, MEDICAL FLATS AND PANELS, ETC., ETC.



The essential needs of the nation still demand priority. To those planning ahead we invite enquiries for Glass Container Requirements.

Wholesale & Export Only

London Office:—
29 Ludgate Hill, E.C.4
Telephone: CITY 7170

LAX & SHAW Ltd.

REGD. OFFICES: Scott House, 69 South Accommodation Rd., LEEDS,
Telephone: 21568 (2 lines) Telegrams: Feeders (Phone) Leeds

THIS SPACE RESERVED FOR

GORDON-MOORE'S COSMETIC TOOTHPASTE—

but we're so busy filling your orders that we just haven't time to write the copy! Please excuse! —and thank you.

GORDON-MOORE'S COSMETIC TOOTHPASTE

THE CRIMSON PASTE WHICH "ROSE-TINTS" THE GUMS TO MATCH LIPSTICK

31, SINCLAIR ROAD, LONDON, W.14

(AND HOLLYWOOD, U.S.A.)

FROM *Nogent*, FRANCE!

4½" SURGICAL TOE-NAIL NIPPER

ALL CHROMED STEEL

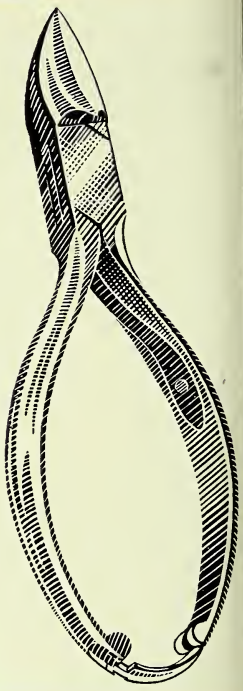
Made according to

NOGENT STANDARDS

RETAILS

12/0

FREE OF PURCHASE TAX



ASK YOUR WHOLESALER FOR NIPPER No. A F B 10

Also available from Nogent, France in all types and sizes :

NAIL and CUTICLE NIPPERS
NAIL and CUTICLE SCISSORS
TWEEZERS and NAIL FILES

ALFRED FRANKS & BARTLETT CO. LTD
AUDREY HOUSE, ELY PLACE, LONDON E.C.1
TELEPHONE HOLBORN 1078/9 (Px)

NOT A FANCY PRICE,

but an economical, realistic price n line with to-day's buying trends!

SELLS AT 9D with generous Trade Discounts

e sensational success of the NEW A-SET "MAGICURL" all over gland, Scotland & Wales meant that the first few weeks it had to be ioned out amongst our retailer nds. Sorry, but this was done as ly as possible.

Now . . . . with increase of staff . . new faster machines . . . . icker despatch methods . . . . sonable quantities are avail-e to ALL.

ORDER this super-speed sell-; line to-day . . . . Retail price . only—**a "winner" for the ass market** (nearly 18,000,000 omen over 16 years of age).

LARGE ADS. NOW IN NEWS OF THE WORLD, SUNDAY PICTORIAL DAILY MIRROR, PICTURE POST ILLUSTRATED, WOMAN, WOMAN'S OWN WOMAN'S WEEKLY... OVER 22,000,000 CIRCULATION

ORDER STA·SET "MAGICURL" TO-DAY

NEW STA-SET "MAGICURL" is made and guaranteed by the makers of the world-famous Sta-blond & Brunitex "Make-up" Shampoos, and backed by 25 years experience in beauty preparations all over the world.

FROM THE U.K. DISTRIBUTORS:

C. GAMBLES & CO. LTD.

9/215, BLACKFRIARS RD., LONDON, S.E.I.

An important addition to the outstanding range o
★**Ortho** *Gynaecics*

The universally prescribed contraceptives—*Ortho-Gynol vaginal* and *Ortho-Creme vaginal cream*—are now available in complete s with the new *Ortho Vaginal Diaphragm* and *Diaphragm* Introduc *Ortho-Gynol* and *Ortho-Creme* are *always* in demand—and the mar is constantly expanding. You will be wise to feature these ha somely packaged Sets in your display of Ortho Gynaecic specialiti

★Consistently and ethically promoted to the Medical Profession.

When ordering from your wholesaler specify ORTHO-GYNO *or* ORTHO-CREME *Sets (size range* 55-95 *mm*

ORTHO

Ortho Pharmaceutical Limite

HIGH WYCOMBE · BUCKINGHAMSHIR

Makers of Gynaecic Pharmaceutical

ow starting

second big advertising campaign

bandbox comb-a-curl

Whole pages in the national press...

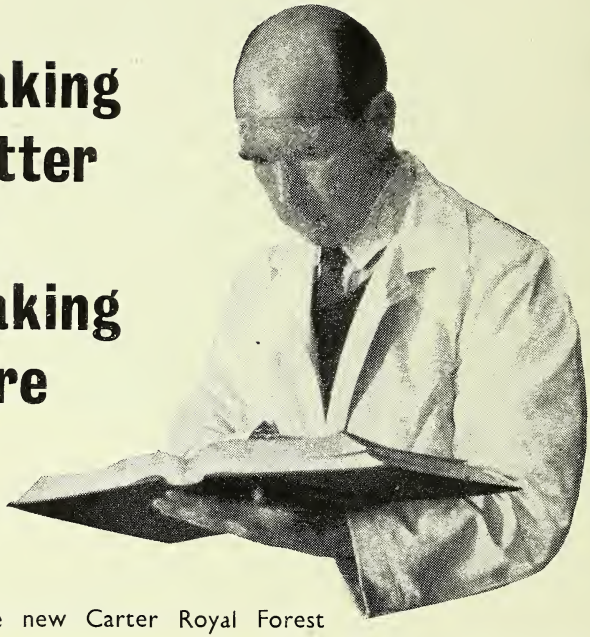
Colour pages in women's magazines...

Don't delay ordering this fast selling line

rough your wholesaler or write or phone direct to :

HE LABORATORIES LTD. 120-2 VICTORIA ST., LONDON, S.W.1. Tel: VICTORIA 6781

Making better by making sure

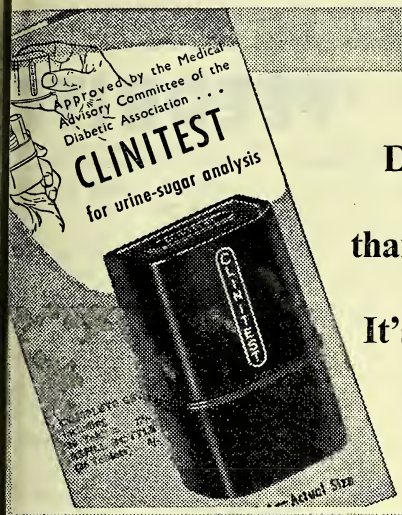


In the new Carter Royal Forest factory at Coleford, Glos., every experiment and every stage of production is under the close daily supervision of Dr. V. L. S. Charley, B.Sc., a director of the Company. His indefatigable research with regard to vitamin C is well known, results of his efforts having been published in medical journals. He is supported by a highly qualified staff of chemists in the Factory's extensive modern laboratories.

Ribena BLACKCURRANT SYRUP

does everybody good
including the Chemists who sell it

H. W. CARTER & CO. LTD., THE ROYAL FOREST FACTORY, COLEFORD, GLOS.



Diabetic customers will thank you for this leaflet. It's good news for them – good business for you!

E every customer for insulin and diabetic products a 'Clinitest' leaflet. ows how to make the urine-sugar more conveniently, quickly and ately than ever before. No fuss or r—this new streamlined test com- all reagents in one compact tablet generates its own heat.

Approved by Diabetic Association

The Medical Advisory Committee of the Diabetic Association have approved 'Clinitest.' Advertising in the *Diabetic Journal*, *The Lancet*, *Practitioner* etc., is telling diabetics and doctors about this unique one-minute test.

Turn this interest into sales

Chemists who have passed 'Clinitest' leaflets to diabetic customers have found quick and ready purchasers. The interest is there—and a word from you can make sales that win you goodwill and open up a steady demand for 'Clinitest' Tablets. A supply of leaflets is sent with every order of 'Clinitest.'

LINITEST

MARK

EW ONE-MINUTE NO-HEATING

LET FOR DETECTING URINE-SUGAR

IZE SET, INCLUDING 36 TABLETS 12/- RETAIL

BOTTLES (36 TABLETS) . . . . . 4/- RETAIL

TRADE DISCOUNT 33⅓%

MEDICAL LITERATURE
Available on request for distribution to doctors.

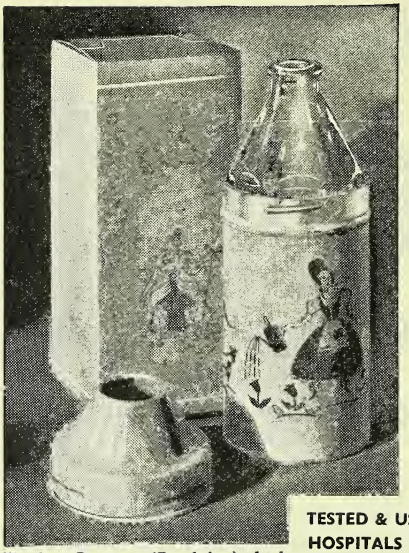
For complete information and supplies write to:

DON S. MOMAND LTD.

Sole Distributors

57 ALBANY STREET, LONDON, N.W.1 *Tel: EUS 1326 • EUS 2076*

A PRODUCT OF THE AMES COMPANY INC. OF ELKHART, IND., U.S.A.



Morley Rogers (Feedrite) Ltd.
300 Kingston Rd. London S.W.20

TESTED & USED BY HOSPITALS & CLINICS

SIMPLE NEW INVENTION • A BLESSING TO MOTH RS

The FEEDRITE

Baby Feeder sells on sight because of its common sens pee to mothers. Tested and used by Hospitals and Clin

READ THESE FACTS

1. Average time taken over bottle fe –25 minutes.
2. Without the Feedrite container the put into Baby's Bottle at 112° and a minutes the temperature drops to 96 hich is too cold for Baby, and mother to re-heat the milk.
3. With the specially lined Feedrite co ner milk is put into the Pyrex Feeding B e a 112° and does not lose more than of heat in 30 minutes.
4. Eliminates the necessity to re-hea nilk half-way through feed.
5. Makes ideal present.
6. Prevents gripe and wind caused b aby drinking cool milk.
7. Prevents bottle breakage.
8. Colour scheme pink with nursery rme design in blue.
9. Attractive showcards available on re t.
10. Trade terms 39/- per dozen, packed pe dozen boxes. Quantity terms on r est.
11. Price to public 4/6 complete with rex feeding bottle (excluding teat).

NATIONALLY ADVERTIS D

FOR THE PAST SIXTY YEARS the public has known, liked and relied upon.. Box's Pills, as a fine remedy for digestive troubles. They are still a good profit-maker for the chemist, all year round.

Box's Pills FOR INDIGESTION

P. A. T. A. Retail Prices
INCLUDING PURCHASE TAX
1/5, 3/4, 5/5, 13/4, 24/2

W. H. Box 161 King St, Plymouth

An

ALL-BRITISH FIRM

have pleasure

in announcing that:—

BRONCHOVYDR

is back on the

BRITISH MARKET

★

EXEMPT *from* PURCHASE TA

★

This Inhalant for the Treatment Asthma is now Obtainable from t

Manufacturers and Sole Distributors:—

BRONCHOVYDRIN (1945) LT

12 WESTWOOD ROAD • BARNES • S.W

ABLETS, PILLS, CAPSULES

LOZENGES, PASTILLES

British Chemotheutic Products Ltd. offer a complete range of Tablets, Pills and Capsules for dispensing under the National Health Acts. Each product is carefully standardised both qualitatively and quantitatively and strict analytical control is observed. The highest attainable standard of quality and purity is constantly observed.

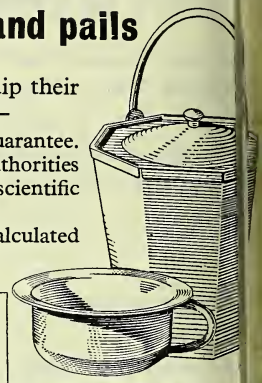
Acetomenaphthone
Allobarbitone
Amphetamine Sulph. (Racemic & Dextro)
Barbitone
Butobarbitone
Calciferol
Carbromal
Codeine Co
Cyclobarbitone
Dienoestrol
Digitalis
Diphenan
Ephedrine
Ergometrin Maleate
Ethisterone
Hexobarbitone
Hexoestrol
Mepacrine
Methyl Thiouracil
Methyltestosteron
Nicotinamide
Nicotinic Acid
Oestrone
Phenobarbitone
Phenytoin Soluble
Quinine Salts
Quinidine
Santonin
Stilboestrol
Succinylsulphathiazol
Sulphacetamide
Sulphadiazine
Sulphaguanadine
Sulphanilamide
Sulphapyridine
Sulphathiazole
Sulphamezarine
Sulphadimidine
Thiouracil
Thyroid Glands
Vitamins, etc., etc.

BRITISH CHEMOTHEUTIC PRODUCTS LTD
BRADFORD (P.O. BOX 191)

Your enquiries invited for all types of Tablets, Pills and Capsules.

300,000 first born babie

are going to need baths, "potties" and pails



Yes ! and 300,000 proud new mothers will want to equip their nurseries with Enna Nursery Products. Here's why —

★ All Enna Nursery Products are protected by a 12 months' guarantee.

★ They are in daily use by the Middlesex Hospital Authorities where their practical qualities of lightness, hygiene and scientific design have been thoroughly tested and approved.

★ The full range is available in four lovely pastel shades calculated to enhance the appearance of your shop.

CUT OUT THIS COUPON Please ask your representative to call send further particulars

NAME (IN BLOCK LETTERS) .....

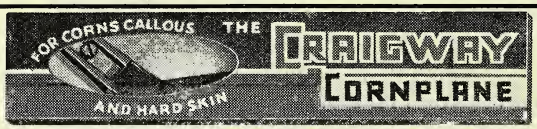
ADDRESS .....

.....

Post in unsealed envelope, 1d. stamp to :—

ENNA NURSERY SPECIALISTS, DEPT. C, BIDEFORD AVE., PERIVALE, MIDDX. TEL: PERIVALE 1155

And don't forget! 30 proud new mothers wi Enna Products adve prominently in Nationa Provincial Newspapers Magazines.



The remarkable success of the "C way" Corn Plane is due to the principle involved. The angle o blade is the secret. This new profitable line only needs sho to SELL!

Individually packed in cartons

DISPLAY CARD OF 18

RETAIL **2/3** *PRICE*

15/4 per doz. plu Purchase Tax

Usual discount t Wholesalers

Sole Distributors:

CRAIG & PARSONS LTD., 82, Stafford Road, Wallington, Sur

Phone : Wallington 3694

COMPRESSED

MEDICINAL & OTHER

TABLETS

any shape or size up to 1½"
(bulk or packed)

Private Formulas compounded Experts. Strict secrecy guarante

OVER 40 YEARS' PRACTICAL EXPERIEN

Enquiries invited.

Telephone: Canonbury 3401

BUCKLEY-BOWKER TABLET CO. LT

29, PARKFIELD STREET · LONDON · N

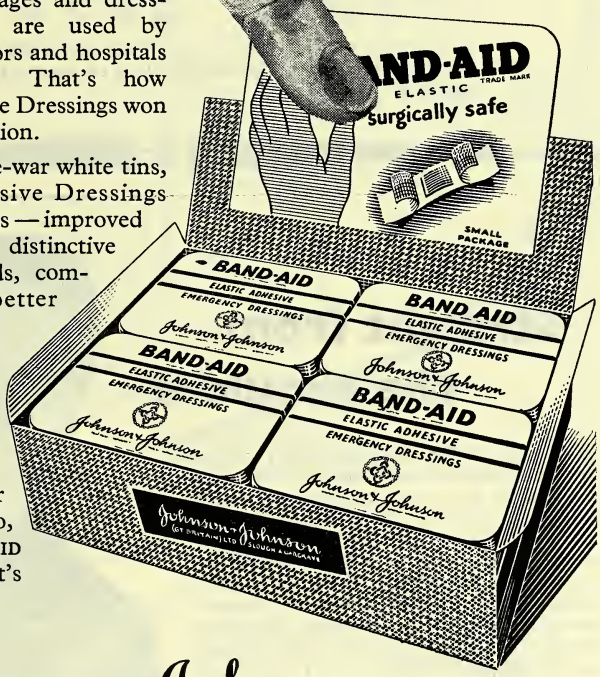
Good news about BAND-AID*

TRADE MARK

Johnson & Johnson bandages and dressings are used by doctors and hospitals over the world. That's how D-AID *Elastic* Adhesive Dressings won r world-wide reputation.

W—back in their pre-war white tins, D-AID *Elastic* Adhesive Dressings r further advantages — improved esive quality gauze, distinctive -fray medicated pads, come elasticity and better taging.

BAND-AID display ers and show- s tie up with latest s advertisements make direct point- ale appeal to your omers. For they, too, w and trust BAND-AID s the first-aid that's *ically safe.*



Johnson & Johnson
(GT. BRITAIN) LTD., SLOUGH AND GARGRAVE

ND-AID is the Registered Trade Mark for the Adhesive Dressings manufactured exclusively by Johnson & Johnson.

PRICE GOES DOWN

Important reduction on Spicers A1 Medicated Toilet Tissue

From September 1st, Spicers A1 Medicated Toilet Tissue will be reduced from 1/3 to 1/2 per roll to the public. Wholesale prices will be reduced accordingly.

★

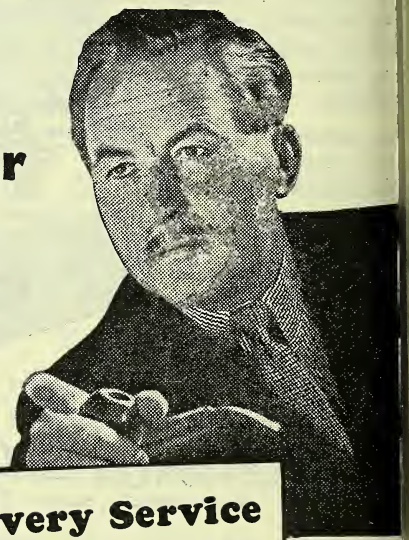
Lower costs of raw material have made it possible to pass on this benefit to the public, retailers and wholesalers.

★

This price advantage means immediate increased sales for Spicers A1. Be sure your stocks are adequate to meet a greatly increased demand.

★

Straight from the shoulder



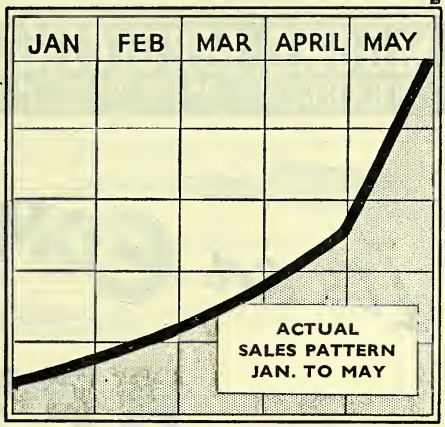
I represent the manufacturers whose empty containers are collected by C.R.S. I want to tell you, straight from the shoulder, that we still need, as urgently as ever, every empty C.R.S container lying in your shops. More goods are becoming available, but there are still not enough new containers to carry them. If you want your share, you must play your part by backing C.R.S to the limit. It's *your* service, for *your* benefit—don't let it down.

Container Recovery Service

S.P.D. Limited, 3-5 Salisbury Square, London, E.C.4

CRS 58-683

THIS SALES GRAPH TELLS THE DOLCIN SUCCESS STORY!



When Tampax Ltd. introduced Dolcin to this country a few months ago they KNEW it would be an outstanding success. How could it be otherwise when reports and results from the United States and Canada made it so clear that DOLCIN was the successful outcome of a new approach to the problem of securing prolonged relief in all rheumatic disorders — even those of long standing, severe or chronic character.

The sales graph is evidence of how DOLCIN has been received by the public. Dolcin is being used in Clinics and Hospitals throughout this country, and where doctors have learnt of Dolcin they are prescribing it.

600's DISPENSING UNITS
31/6 per unit plus 10/6 P.T.
BOTTLES OF 100
72/- per doz. plus 24/- P.T.
Retail 10/- per bottle

We desire to co-operate with you in making DOLCIN the most profitable individual line you handle. Order today and benefit from our National, Provincial and Magazine advertising campaigns. Counter leaflets and an attractive Dolcin showcard are available on request to the Sole Distributors.

TAMPAX LTD.

SALES OFFICE: 110, JERMYN STREET, LONDON, S.W1

ORDER DOLCIN FROM YOUR WHOLESALER

ATOMISATION THERAP

Wherever a respiratory atomiser is indicated you are safe in sug st- ing one from the Moore Medicinal Products range of inh ra

- THE **DEEDON** (All-Plastic) **INHALER**
- THE **BON-ACCORD** (Plastic) **INHALER**
- THE **BON-ACCORD** (Glass) **INHALER**
- THE **BROVON MIDGET** (Glass) **INHALE**
  (Amber and Clear)
- THE **DEEDON** Electric **INHALER**

Any of the hand-operated inhalers are available under the National Health Service. Prescriptions must indicate the model supplied.

Literature and price list on the above and othe M.M.P. Products on request. BUY ON BONUS TERM

MOORE MEDICINAL PRODUCTS LT
ABERDEEN LONDON OFFICE: 64 GLOUCESTER PLACE, W.I. LONDO
WELBECK 5718/9

It's an EDME *product*

BEVAREX

A nourishing and sustainin

MALT FOOD BEVERAG

of OUTSTANDING merit

Showcards available *further particulars from*

Retails at **1/8** *per 6 oz. tin*
Wholesale **13/6** *doz.*

EDME LTD., IMPERIAL HOUSE, REGENT STREET, W
Telephone: REGent 5563-4 Grams: "EDME," Piccy, London Works: MISTLEY, ESS

Are you stocking *both* sizes of Ammi-dent?

Despite the great economy of the large 2/6 size, the growing public interest in this revolutionary toothpowder has produced a demand for a smaller size as well.

Many of your customers will welcome the new 1/6 tin as soon as you put it on show.

If you have not yet received supplies, get in touch with your wholesaler at once.

No dentifrice has ever received such a welcome from the Dental Profession. We have now received well over 12,000 applications for professional samples !

No wonder the demand is growing every day !

DISTRIBUTORS :
Fassett and Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1

AMMI-DENT

The Ammonium Ion Tooth Powder

MADE AND GUARANTEED BY THE

VERNET DENTAL MANUFACTURING CO., WELWYN GARDEN CITY, HERTS.

Now available

NEW, IMPROVED ARRI

over 8d. profit for you on every jar you sell! Retail price 2/5 including purchase tax

—the cream deodorant which also stops perspiration

WOMEN are clamouring in the sho Arrid—the world's biggest-selling deodorant which also stops perspiration. tising is being increased, and with a national campaign running, the demand something terrific!

Arrid sells on sight, and you make ov on every jar. Easy, quick profits, and s customers who'll come in for other goods! be well advised to stock up without delay.

ORDER ARRID NOW!

***Details of special terms for ARRID, Carter's Little Liver Pills, and other produ from* THOMAS MARNS LTD., 2 CAXTON STREET, LONDON, S.W.1**

"OATREX"

Prepared from the finest Scottish Oats

FINE GROUND. For weaned infants, nursing mothers and invalids.

MEDIUM GROUND. Makes a grand breakfast food for young and old alike.

Telephone: HOP 2004

Enquiries to Kings of Kingsbury (Sales), Ltd. 1. London Bridge. S.E.1.

KING'S PATENT PRE-COOKED OATMEAL

PHERIBA

TONIC TABLE

now packed in

2/- sizes 4/3

MACLENNAN BRAND PRODUCTS
105 RITHERDON ROAD - LONDON -
Phone: BALham 2447

SURE-SELLING STO

OVER 150 YEARS REPUTA

KEARSLEY

THE ORIGINAL

WIDOW WELCH'S

9d. BOX PROFIT by ordering 3/3½ size. Bonus given o dozen (13). It pays to push t

C. & G. KEARSLEY
71 Dartmouth Rd., London
Est. 1787

Back again...the FAMILY SIZE bottle

RETAIL 3/11 INC.PUR.TAX

SEE THE TRADE MARK ON THE NEW LABEL

rite for new
ce list and terms

THE SAFE REMEDY FOR 75 YEARS

Vigorously advertised

OWBRIDGE'S

— best seller in the country

W. T. OWBRIDGE LTD. · HULL

FOR DIABETICS

Fruit squashes without added sugar

PLEASANT and refreshing Fruit Juice drinks without added sugar, specially prepared by the makers of Rose's Lime Juice.

3/- PER BOTTLE

ROSE'S

DIABETIC

LEMON AND ORANGE SQUASHES

KOMPO FOR COLDS

Manufactured only by

J. F WHITE & CO., LTD.

Lovington Laboratory, Benson Street, Leeds,

RECOMMENDED FOR NERVES

DR. NIBLETT'S VITAL RENEWER NERVE SEDATIVE

for **70 YEARS**

Retail price 6/- per bottle including purchase tax

TRADE DISCOUNT 33⅓%

C. P. NIBLETT (Est. 1870)

10 LICHFIELD TERRACE, RICHMOND, SURREY

Telephone: RIChmond 3221

EXPERT GUIDANCE IN

TRUSS FITTING

Under the National Health Service these appliances can be ordered on EC10 forms.

Pharmacists should be fully acquainted with the practical details involved in the supplying and fitting of them.

The informative series of articles on the subject recently published in The CHEMIST AND DRUGGIST have been reprinted in booklet form, "THE FITTING OF TRUSSES AND ELASTIC HOSIERY," which provides full information in concise detail. Copies should be handy for reference purposes in every pharmacy.

Supplies are now available at following prices :-

Single copies ..... 1/6 post free
1 doz. copies ..... 1/4 each post free
2 doz. copies ..... 1/3 each post free
50 copies or over... 1/- each post free

Orders with remittance to the Publisher:

The CHEMIST AND DRUGGIST

28 Essex St. Strand - London, W.C.2

41% PROFIT FOR THE RETAILER

Rimmel Soaps give retailers a profit of 41% *(46% on a £15 parcel!)* on the selling price of 1/4½ per tablet. Terms to retailer: 9/9 per dozen less 2½%—plus tax. Terms to wholesaler: less 2½% and 12½%. Now is the time to order Rimmel Soaps. If you have already allocated your S.P.'s for this period, make sure of future supplies by placing a regular period reservation for these profitable 3 oz. tablets. All Rimmel Soaps contain genuine French imported perfume.

RIMMEL DISTRIBUTORS LTD., NORTH ROW, PARK LANE, LONDON, W.1

For CHEMISTS ONLY

A NEW PROFITABLE QUICK-SELLING LINE

HOSTE
FRUIT SQUA
Making a host of

RESTRICT
EXCLUSIV
TO CHEMI

GOOD PRO
RETAIL PRICE - per
YOUR RETURN 33
YOUR BUYING PRICE 24
YOUR PROFIT - 8
(equals 33⅓ or

ATTRACTIVE V
And a quality you can co
recommend. The smart pa
a most attractive display.
Popular flavours. Orange,
Lemon and Orange, Pi
Applym (a Lime flavoure
juice cordial).

ORDER THROUGH YOUR USUAL WHOLESALE CH

CITRUS Products Co. Ltd. 87 Regent St. Lon

JOHN KNOX : JOHN KNOX : JOHN KNOX

A Selection from the Jaynox Range of Chemists Sundries

Jaynox Eye Droppers

Curved, flanged ends each in attractive carton. 3 doz. in Display Outer.

3/4 doz. — 10/- per outer of 3 doz.

Jaynox Medicine Droppers

Straight ends. In similar carton and also in counter display box containing 3 doz.

3/- doz. — 9/- per outer of 3 doz.

Special terms for quantity.

JOHN KNOX (STOKE-ON-TRENT) LTD

Jaynox Works, King Street, Fenton, Stoke-on-Trent.

P.A.T.A.

John Knox (Midland) Ltd., 26/38, Dean St., Birmingham, 5

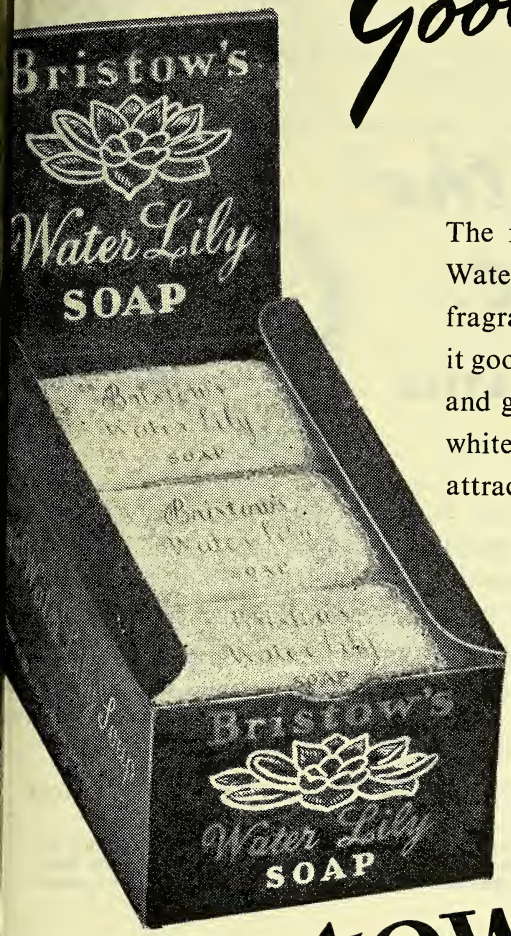
JOHN KNOX : JOHN KNOX : JOHN KNOX

Dental Sticks are specially made for massaging the gums — they are not Tooth-picks —

Dental Sticks are manufactur
from various types of specia
selected soft and hard woods a
also from whalebones and a
intended entirely for massagi
the gums between the teet

BRITISH DENTAL STICKS LIMITE
NEWCASTLE-ON-TYNE 4

Good S.P.3 value!



The fine quality of Bristow's Water Lily Soap . . . its lasting fragrance, its rich lather, make it good SP.3 value. In its black and gold display-box this pure white soap is a " natural " for attractive counter displays.

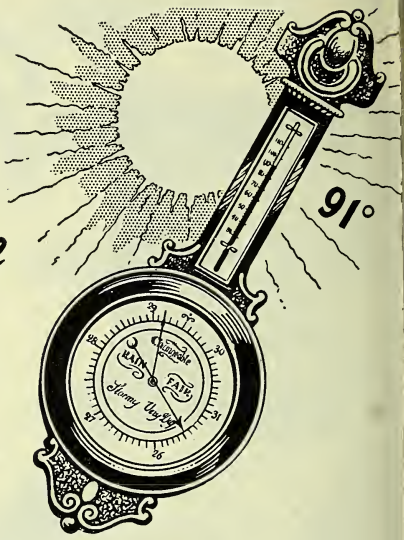
TERMS

RETAIL PRICE INC. TAX	9d.
STANDARD TRADE PRICE PER DOZEN	5/4d.
PURCHASE TAX PER DOZEN	1/9⅓d.
STANDARD PACK	2 DOZEN

Bristow's Water Lily SOAP

F. BRISTOW & CO. LTD., BOSTON MANOR ROAD, BRENTFORD, MIDDX. T.16

In the heat of the moment...



COLDS ARE STILL PREVALENT

Summer heat naturally causes the body to perspire more freely thereby leaving one susceptible to colds which, contrary to genera belief, are quite common in the summer months.

For the treatment of summer colds, you can recommend Serocalcin with confidence.

Three tablets taken three times daily in the early stages of a cold generally clear up an attack within a few days.

Please see that you have Serocalcin in stock.

Pharmacists are reminded that the sole selling agents for Serocalcin in the U.K. are J. C. Eno Ltd., Watford, Herts (Watford 7761), to whom all orders and enquiries should be sent.

SEROCALCIN

FOR THE PREVENTION AND TREATMENT OF COLDS

P.A.T.A.

HARWOODS LABORATORIES LTD · WATFORD · HEF

Printed by The Haycock Press, Ltd., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.

ie Chemist & Druggist SUPPLEMENT

HEAD OFFICE: 28 ESSEX STREET, STRAND, LONDON, W.C.2

Telephone : Central 6565 (10 lines) *Telegrams': " Chemicus, Estrand, London "*

Classified Advertisements must be prepaid. **For rates see sectional headings**

EIRE NORTHERN IRELAND

ORRIDGE & CO. (Established 1846)

For **SALES, PURCHASES, VALUATIONS, STOCKTAKING** *and* **ASSESSMENTS**

County Tipperary. Very old-established Pharcy, well situate, with Kodak and Max Factor ncies. Optical room. Excellent opening for erinary work. Turnover £3,827. Stock about 0. Two staff employed. Large shop with ple storage rooms. Excellent living accommoion. 20 years' lease to run. Rent £55. es £32. Inclusive price £4,000.

Ireland Stocktaking. A skilled and experienced f is at the service of Irish Pharmacists. Work done quickly, efficiently and accurately. Deed results showing cost and retail, available hin a few days.

3. Antrim. Newly established business for sale. Turnover £65/75 per week. Stock approximately £1,800. Fixtures and fittings probably about £400. Estimated net profit £15 per week. Living accommodation available. Tenure secure. Rent and rates £70 per annum. Scope for Optical Practice. Dispensing connection increasing steadily. Audited accounts available shortly. Price £2,300 inclusive. Near offers will be considered for quick sale.

4. Business Transfers. We have established a department dealing exclusively with business transfers in Ireland. Our register of prospective purchasers ensures early and advantageous introductions. Please write for details.

WE INVITE YOUR INQUIRIES

184 STRAND • LONDON • W.C.2

Telephone : TEMPLE BAR 9212/3—6340 **Telegrams : Orridgchem Estrand, London**

Branch Offices : **36 Cannon St., Birmingham, 2.** **Phone : Midland 6547**
77 High St., Shirley, Southampton. **Phone : Southampton 71708**

BUSINESSES FOR DISPOSAL

rds 8/6 (minimum) then 3d. per word. Box 2/-

COAST main thoroughfare business centre, er approaching £3,000 p.a. M.P.S. badly , no opposition, well stocked first-class es. Kodak, Selo, etc., good side line. Freepremises, vacant possession. Sole reason l, age, retirement. £4,000 s.a.v., or by ement, principals only. Box 6/664.

SALE. Insecticide business (DDT) complete registered trade mark and substantial stocks, ing some 20,000 tins, concentrated DDT r, literature, etc., and full manufacturing es with famous London laboratories. £450. Aslan Bros., 90 Lower Thames St., London,

ROAD, working-class district. Drug store recently. 20 years pharmacy. Hampshire, Coast city. Excellent living accommodation. rooms, etc. Wonderful scope young chemist. al fittings and dispensary. Price all in, proetc., £2,750. Box 6/641.

RN DOUBLE-FRONTED SHOP in excellent n adjoining Tooting Broadway Underground ram stop. Facing Post Office. Fluorescent g. Two entrances. Frontage 18 ft. Ideal emist. Rent £325 per annum, Price £450. Green, Battersea 1856.

MANUFACTURERS OF PERFUMERY and toilet preparations. Established 14 years. Well-known trade marks, valuable connections home and export. Excellent popular range. For sale without premises owing to expiration of factory lease. Splendid opportunity for substantial concern to increase business by acquiring additional profitable lines, introduced prior to price-control regulations. Goodwill £3,000, up-to-date plant and fittings £1,500, useful stock about £2,000. Principals only. Box 6/663.

WHOLESALER, Toys, stationery, haberdashery, chemist sundries, nr. London. Excellent premises. garage for 4 Fordson vans and 2 cars. Last year's turnover £40,000. Business, vehicles, etc., £5,000, s.a.v. (estimated) £13,000. Good book debts (est.) £2,500. For booklet with details ask Henry Stead & Partners, Ltd., 29 Cookridge St., Leeds. Tel. 20208/9.

APPOINTMENTS

2/6 per line (12 lines = 1"). Box 2/-

HILL END HOSPITAL & CLINIC, ST. ALBANS, HERTS

DISPENSER (locum tenens), male or female, wanted immediately. Salary 7 guineas per week. Apply, stating full particulars of experience to Medical Superintendent, Hill End Hospital & Clinic, St. Albans, Herts.

The Bridge
Walsall, nr. Birmingham
Phone : Walsall 5948

28 Rigby Buildings, 4 Aytoun St.
Manchester 1
Phone : Central 0877

141 Bath St., Glasgow
Phone : Douglas 3168

ERNEST J. GEORGE & CO.

Chemists' Transfer Agents, Stocktakers and Valuers

329 HIGH HOLBORN LONDON, W.C.1

Phone : Hol. 7406/7 and 2397

South Coast Representative :
G. Loxton Grinstead, M.P.
" Edweina," Oaklands Aven
Saltdean, nr. Brighton, Suss
Phone: Rottingdean 8233

BUSINESSES FOR DISPOSAL

A.1. London, E.1. (Retirement). Old-established business under present ownership during past 40 years. Turnover for last financial year £6,099. Premises situated in market street of populous working-class district. Good scope should exist for further development. Total price £3,250.

A.2. Suffolk. Country village business of the mixed type for disposal owing to retirement. Turnover for last financial year exceeds £7,700, and scope should exist for further development. The freehold property, which includes available living accommodation, is also for sale. The price of the business and property is a matter for negotiation, and the Vendor will consider allowing part to stand over for an agreed period.

A.3. London, N.W. (Retirement). Family and dispensing business with freehold property. Turnover for last financial year, £6,350. Living accommodation available. In present hands for over 25 years. Price of business, £4,250, including heavy stock and valuable fixtures; property (upon which a substantial mortgage cou no doubt be arranged), £3,500/£4,000.

A.4. Southfields (Near). Middle and workir class family business with living accommodat.c net profit for income tax purposes (1948/ £892. The owner is retiring and scope shou exist for appreciable further development. To minimum price £2,250. Excellent opportunity.

A.5. Essex (Congenial Town). Well-establish business occupying main road position. Turnov for 1948-49 £9,205. Price £6,000, includi stock estimated at £1,500. Owner retiring.

A.6. Kent (Seaside Resort). Drug Store whi should offer appreciable scope under qualifi proprietorship. Lock-up shop, etc., situated n sea front. Total price, £875, including stc estimated at £620.

A.7. Willesden Green (Near). Attractive ph macy occupying main road position. Avera turnover approaches £7,000 per ann. Go scope. Total price approx. £4,000, includi stock and fixtures estimated at over £1,900.

OFFICIAL VALUERS TO THE N.P.U. BUSINESS PURCHASE FUND

Appointments—Continued

BOTLEYS PARK HOSPITAL MANAGEMENT COMMITTEE

LOCUM ASSISTANT PHARMACIST

LOCUM ASSISTANT PHARMACIST required immediately at Botleys Park Hospital, Chertsey. Salary, £10 10s. per week. Applications stating age, qualifications, etc., should be sent to the Physician Superintendent, Botleys Park Hospital, Chertsey, Surrey.

CONNAUGHT HOSPITAL, WALTHAMSTOW, E.17

LOCUM PHARMACIST required from 5th-24th September, 1949. Salary 14 gns. p.w. Resident or non-resident. If resident, a deduction at the rate of £130 p.a.

Applications, stating age, experience and names of two references, should be sent to The Secretary, Hospital Management Committee, Forest Group No. 11, Administrative Offices, Langthorne Rd., Leytonstone. E.11.

CONNAUGHT HOSPITAL, WALTHAMSTOW, E.17

ASSISTANT TO PHARMACIST required immediately (Hall certificate). Hospital experience preferred. Salary in accordance with J.N.C. scale. Applications, stating age, experience, etc., together with copies of two recent testimonials, to the Secretary, Forest (No. 11) Group Hospital Management Committee, Langthorne Rd., Leytonstone, E.11.

KINGSTON HOSPITAL, WOLVERTO AVENUE., KINGSTON-ON-THAME

Applications are invited for the following pointments at the above hospital:—

DEPUTY CHIEF PHARMACIST.

Candidates should have had not less than th years' experience in hospital pharmacy preferably hold the qualification of Pharm ceutical Chemist. Salary on the scale £42 £20 x £525.

ASSISTANT PHARMACIST.

Previous experience not essential. Salary the scale £370 x £15 x £450.

The salaries will be subject to modification accordance with recommendations agreed the Pharmaceutical Whitley Council.

Applications, together with copies of te monials or the names of persons to whom ference may be made, should be sent as so as possible to the Medical Superintendent.

COUNTY MENTAL HOSPITAL, CHESTER

PHARMACIST IN CHARGE wanted. Sal in accordance with recommendations of Jo Negotiating Committee (Hospital Staffs) at commencing range of £420 to £475 per ann according to experience with five furtl annual increments of £15. A house with co light and vegetables will be available to t successful applicant at a charge of £75 p annum. Application form from Medi Superintendent. Endorse envelope " Pharm cist."

BERDOE & FISH
Chemist Transfer Agents and Valuers
ARGYLE SQUARE, KING'S CROSS, W.C.1
posite St. Pancras and King's Cross Stations)
Business Transfers, without publicity, our speciality
Businesses urgently required, advice free
All Valuations and Stocktakings, carried out under personal supervision of principals
blished 1870 Phone: TERminus 3574

Appointments—Continued

SUNDERLAND AREA HOSPITAL MANAGEMENT COMMITTEE

lications are invited for the following s:—
ASSISTANT PHARMACIST at the YAL INFIRMARY AND CHILDREN'S SPITAL. Salary in accordance with J.N.C. le. Previous hospital experience will be con-red in determining salary according to e.
ASSISTANT DISPENSER at the RYHOPE NERAL HOSPITAL. Applicants must hold Apothecary Hall certificate. Salary in ac-lance with J.N.C. Scale, viz.: commencing 0 per annum, rising in 9 years to a maxi-n of £350 per annum.
these appointments are subject to the ional Health Service (Superannuation) Re-tions.
lications, stating age and experience, to-er with the names of two referees to be to F. Dagnall, Secretary, Sunderland Area pital Management Committee, Royal In-ary, Sunderland.

NOTTINGHAMSHIRE COUNTY COUNCIL

enders are invited for the supply of the wing requirements to various Child Wel- Centres, Day Nurseries, School Clinics, ulance Stations or other premises within County for a period of twelve months com-ing October 1, 1949.
) Medical and Surgical and Sundry Sup-plies, Medical and Surgical Dressings and Plasters, including Polishes, etc.
) Dental Supplies.
rther particulars with Forms of Tender Conditions of Contract may be obtained the County Medical Officer, County Trent Bridge, Nottingham. Completed lers should be forwarded in sealed enve-s to be received by me not later than the post on September 19, 1949.

K. TWEEDALE MESBY,
Clerk of the County Council.

Hall, Nottingham.
ust 19, 1949.

E HOSPITAL FOR SICK CHILDREN, EAT ORMOND STREET, LONDON, W.C.1.

ASSISTANT PHARMACIST

plications are invited for this position. ry, £370 to £450 on J.N.C. Scale, accord-to experience. Apply, with details of age experience, to A. Rae, Chief Pharmacist.

MID-SUSSEX HOSPITAL MANAGEMENT COMMITTEE

Applications are invited from qualified persons for the appointment of GROUP PHARMACIST (new appointment) with the main Dispensary situated at Cuckfield Hospital. Salary in accordance with J.N.C. Scales. The position is subject to the National Health Service (Superannuation) Regulations and the person appointed will be required to pass a medical examination. Applications, stating age, qualifications and experience, together with the names of three referees, should be forwarded to the Secretary, Mid-Sussex Hospital Management Committee, Cuckfield Hospital, Cuckfield, Sussex, as soon as possible.

BRITISH ELECTRICITY AUTHORITY EAST MIDLANDS DIVISION

Applications are invited for the post of an ASSISTANT CHEMIST at Longford Generating Station, Coventry.
Candidates should have a good general laboratory experience with some knowledge of metallurgy. Preference will be given to candidates who are Associates of the Royal Institute of Chemistry or possess equivalent qualifications.
The salary offered is in accordance with the N.J.B. Schedule Class J Grade 9A £423-£443.
The post will be superannuable in accordance with the British Electricity Authority's Superannuation Scheme when constituted.
Applications should be submitted on the appropriate form, which may be obtained from the Divisional Establishments Officer at the undermentioned address and should be delivered to the undersigned not later than 29th August, 1949.

W. S. BURGE,
Divisional Controller.

British Electricity House,
Barker Gate,
Nottingham.
DHB/MA/63/2/3/53.

ST. HELENS & DISTRICT HOSPITAL MANAGEMENT COMMITTEE

COUNTY HOSPITAL, WHISTON
ASSISTANT PHARMACIST

Applications are invited from suitably qualified Pharmacists, male or female, for the above post.
Candidates need not necessarily have had previous hospital experience. Salary £370-£450 in accordance with the Recommendations of the Joint Negotiating Committee.
The successful applicant will be required to pass a medical examination. Applications, stating age, experience, etc., and accompanied by two recent testimonials, should be forwarded to the undersigned immediately.

N. RICHARDS,
Secretary.

Group Office,
County Hospital,
Whiston, Nr. Prescot,
Lancs.

WEST LONDON HOSPITAL, HAMMERSMITH, W.6.

Applications are invited for the appointment of assistant pharmacist (male). Salary in accordance with the J.N.C. Scale. Applications, with usual particulars, to the Chief Pharmacist.

WEST MIDDLESEX HOSPITAL, ISLEWORTH, MIDDLESEX

(SOUTH-WEST MIDDLESEX HOSPITAL MANAGEMENT COMMITTEE)

Applications are invited for the post of ASSISTANT PHARMACIST. Salary in accordance with the J.N.C. scale, £370-£450 per annum. Commencing salary will depend on previous experience. Appointment to commence 1st October, 1949. Subject to the National Health Service Superannuation Scheme. Applications, stating age, qualifications and experience, with copies of testimonials, to be sent to the Chief Pharmacist at the above Hospital.

CROWN AGENTS FOR THE COLONIES

PHARMACIST-SECRETARY required by Government of Nyasaland for Medical Department, for initial tour of 24 to 36 months. Salary according to qualifications, experience, and war service in the scale £750 a year, rising to £865. Outfit allowance £30. Free passages. Candidates, preferably, under 35, must be members of the Pharmaceutical Society of Great Britain, and should have had administrative experience in a general hospital. Apply at once by letter, stating age, whether married or single, and full particulars of qualifications and experience and mentioning this paper, to the Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M/N/21567/3F on both letter and envelope. The Crown Agents cannot undertake to acknowledge all applications and will communicate only with applicants selected for further consideration.

Vacancies advertised are restricted to persons or employments excepted from the provisions of the Control of Engagement Order, 1947.

SITUATIONS OPEN

36 words 8/6 (minimum) then 3d. per word. Box 2/-

RETAIL (HOME)

A NEW SEMI-DETACHED HOUSE in good residential area, available for assistant pharmacist in Somerset town. Good conditions and large permanent staff. Box 6/624.

ASSISTANTS REQUIRED, men or women, qualified or unqualified, pricing stockbooks September to January. Central London. Five days, 9 to 6. Apply " L." Box A/318.

BOOTS THE CHEMISTS have vacancies in a number of districts for qualified assistants, male and female. Salary (male) Central London £10 5s. to £11 5s. Metropolitan District £9 17s. 6d. to £10 17s. 6d. Provinces £9 10s. to £10 10s. (Female Central London £9 15s. to £10 15s. Metropolitan District £9 7s. 6d. to £10 7s. 6d. Provinces £9 to £10, according to age. Engagements are on a permanent basis with good prospects and eligibility for pension, life assurance, etc. There are also a number of vacancies for unqualified assistants with sound pharmaceutical experience. Good remuneration with a view to permanency. Pension scheme, etc. Applications should be made to Retail Staff Department, Station St., Nottingham, stating age, experience, and district preferred.

CAMBRIDGE. Vacancy for newly qualified assistant, mainly for dispensing. Give particulars of school-experience and salary required. G. Peck & Son, Ltd., 9 King's Parade, Cambridge.

CHEMIST or chemist-optician required, male or female. Flat available. State wages required. Superannuation scheme. Applications to Hinchliffe Mill Ind. Co-op. Society, Ltd., 57-59 Huddersfield Rd., Holmfirth.

CHOICE OF SUITABLE accommodation, if quired, on appointment. Qualified persons, and female, are required to manage attra pharmacies in south-east and south-west dis of London. Positions are available offering s from £550 to £650 per annum, plus generous mission. Engagements are permanent and pro sive and include entry into superannuation sch Apply, giving full particulars to the Staff Man Royal Arsenal Co-operative Chemists, Ltd., Powis St., Woolwich, S.E.18.

CORNWALL. Unqualified dispensing assistan quired for N.H.S. and light retail. No Su duty. Please state usual particulars and salar quired. Young, Chemist, Liskeard.

CROYDON. Unqualified lady assistant req mainly for dispensing in busy pharmacy. lent working conditions. Apply, with parti of experience and salary required to O. L. rington, 300 London Road, Croydon.

CROYDON AREA. Qualified assistant, part or time, required. Dispensing and counter work. 6/582.

DEREK CLARKE, Edgware. Experienced, un fied assistant. Essentially dispensing (lady or tleman). Full time, approximately 42 hours week. Shift work two late nights per week, One Sunday in four, rota duty. Salary acco to experience. Derek B. Clarke, 85 Station Edgware, Middlesex. Edgware 2061.

EDGWARE. Pharmacist required. Essentially pensing (lady or gentleman). Full time, app mately 42 hours per week. Shift work two nights per week; 3-10. One Sunday in four duty. Salary according to experience. Dere Clarke, 85 Station Rd., Edgware, Middlesex. ware 2061.

LADY DISPENSERS with Apothecary Hall C cate are required by London Co-operative C ists, Ltd. Attractive salary, plus commissio offered in pleasant working conditions in mo well-equipped dispensaries, in the Ilford, Wer and Palmers Green areas. Application in firs stance, to Superintendent Chemist, Grange Leyton, E.10.

LONDON CO-OPERATIVE CHEMISTS, LTD., applications from experienced pharmacists branch managerial vacancies in pleasant subu areas. Modern, well-equipped shops with supporting staffs, attractive salary, generous mission, with payment for all rota duties. Pos permanent and superannuated, with excellent motion prospects. Choice of living accommoda house or flat, where required. Full particula to experience, wages required, etc., to Sup tendent Chemist, Grange Rd., Leyton, E.1

MANAGER REQUIRED for neglected shop in London. Good salary and commission wil paid to keen pharmacist who has confidence i business-building capabilities. Box 6/611.

MESSRS. ALDINGTON & LEWIS LTD., 168 Road, East Finchley, London, N.2, (Tudor require the services of an unqualified assistant dispensing experience. The position is a pro sive one and the remuneration will include ticipation in profits by way of bonus; accommodation is not available; please initially by letter stating brief particulars of perience, etc.

NORWICH. Manager, qualified, male or fe for drug and cosmetic department in store. hour week. Permanency, attractive work, salary. Apply Manager, Jarrold & Son, Ltd., don St., Norwich.

OXFORD. Vacancy occurs for qualified assi in good-class dispensing business. Apply, g particulars of experience and salary require W. K. Westlake, 255 Banbury Rd., Oxford. T 58348 or 58595.

Situations Open—Continued

l LONDON. Pharmacist-manager required stantial good-class business; the opportunity xceptional one for a smart, energetic che- ith limited capital, as the owner of the is prepared to allow him to acquire an either now or over a period. Living iodation is not immediately available but cpected that the residential portion of the s will become vacant fairly soon; in view position, preference will be given to phar- residing within reasonable travelling dis- f Southgate; the remuneration will be on a f salary, bonus and profit participation; write initially under guaranteed assurance idence stating brief particulars of experi- c., to Box A/355.

FIED MANAGER required for branch phar- Salary, £10 per week, and commission on l Health dispensing (minimum £1). Super- on scheme. Apply, stating age and experi- to Kidderminster Co-operative Chemists, Vorcester St., Kidderminster.

FIED MANAGER required by small firm of s. Comfortable post and good salary and ion offered to keen man. Superintendent cist, 298 Cavendish Rd., S.W.12.

FIED MANAGER required for West End cy. Permanent position allowing full scope iative. Good salary and commission. Pen- heme available. Apply, with full particulars, 55.

IG. Young qualified assistant required for ranch shop in good middle-class district. table self-contained flat over business s. Good salary paid. No Sunday or holi- rk except on local 6 to 7 p.m. rota, one 1 six. Apply to G. B. Osborne, M.P.S., ad St., Reading, Berks.

NISHED five-roomed flat with all main ser- iodern appliances, pleasant garden and sur- gs, plus salary, available to qualified as- Box 6/659.

ALIFIED ASSISTANT with knowledge of aphic darkroom work. Permanency. Apply born, E.C.1.

ALIFIED ASSISTANT required for dispens- partment. Congenial surroundings. Easy 9-6. Good salary. Permanency. No holiday day duties. Apply: O'Kane, c/o Lincoln, glewell Rd., Gravesend, Kent.

HARTLEPOOL. Pharmacist, male or female, l to manage modern, newly fittted branch cy. New modern house available attached . Adequate supporting staff provided. Super- on scheme. Salary £501 16s. per annum, a fees, plus bonus scheme. Excellent pros- r capable person. Apply giving particulars perience to Superintendent Pharmacist, ools Co-operative Chemists, Ltd., West ool.

LADY UNQUALIFIED for chemists office, oice section. Central London. Hours 8.30 . Saturday, 1 p.m. Apply Box A/319.

LOCUMS WANTED

l PHARMACIST and Dispensing assistant l Mid-August to October. Lewis & Bur- td., 146 Holborn, E.C.1.

WHOLESALE

ANT ADVERTISING MANAGER required in by manufacturers of well-known pharmaceu- oducts. First-class advertising and market- perience essential. Knowledge of retail phar- cal trade most desirable. Age 30-40. State equired. Write Box A/344.

A COMPANY shortly marketing a 4-fluid-oz. sprinkler bottle of "Brilliantine" prepared from the finest ingredients, desire the services in England, Northern Ireland, Scotland and Wales of travellers with established connections amongst high-class chemists, to carry the above as an additional line. It will defy competition of any product in the same category. A more than generous commission and bonus will be paid on all orders, and access given at any reasonable time to the books relating to its sales. Please state territory covered and reply Box 6/658.

A VACANCY OCCURS in an important pharmaceutical house situated near London for a man of lively imagination to work under the direction of the head of the advertising department and to initiate ideas for illustrations and/or layout of advertisements and leaflets. These are in respect of a variety of products including ethical medical specialities, horticultural products and technical chemicals. Candidates, preferably aged 22-26, should write to Box A/347.

AGENTS REQUIRED . . .
IN ALL TERRITORIES TO HANDLE WELL-KNOWN TOILET ROLL MANUFACTURERS' PRODUCTS
SALARY AND COMMISSION
Box A/271

AN OPENING OCCURS for a really first-class salesman to represent a progressive firm of manufacturing chemists supplying chemists, doctors, etc., in the Yorkshire, Northumberland and Durham area. Remuneration is by salary, commission and expenses. Keen man with initiative under 40, preferably car owner, invited to apply, giving fullest particulars, age, etc., to Box A/341.

APPLICATIONS ARE INVITED for the post of a manager capable of taking complete charge and developing department for aniline dyes, pigments and edible colours in the home and export markets. Excellent prospects for a person with the necessary experience, extensive knowledge of the trade, initiative and drive. Full details to Box A/352.

BRITISH SCHERING LTD. Advertising manager. Applications are invited for appointment as executive in charge of the advertising of the company's medical and agricultural products in both Home and Overseas markets. Candidates should be well educated and have had practical experience of the ethical advertising of technical products and of the administration of an advertising department as well as some knowledge of modern packaging design. The appointment affords an exceptional opportunity for progress to a person of the requisite calibre and is pensionable. Applications will be received in strict confidence and should be addressed to the Managing Director, British Schering Limited, 167/169 Great Portland Street, London, W.1.

BOOTS PURE DRUG CO., LTD., have a vacancy for a qualified laboratory assistant in their development department to work on formulation of veterinary and horticultural products. Salary according to age, experience, and qualifications. Write Personnel Manager, Boots Pure Drug Co., Ltd., Station St., Nottingham.

—IMPORTANT—

Box Office numbers are intended exclusively for specific answers to particular advertisements and Price Lists, Trade Circulars, Samples and Printed Matter cannot be forwarded.

Situations Open—Continued

BRITISH SCHERING LIMITED. Appointments to Representative Staff. It is proposed to appoint representatives to undertake propaganda in respect of the company's medical products in the following areas:—1. Central London, part Sussex and Channel Islands. 2. Oxford, Berks, Herts, Beds, Bucks, and Hants. 3. Bristol and the South West. 4. Liverpool, Cheshire, Staffs and North Wales. 5. East Anglia and N.E. London. Applications for these appointments are invited from young keen pharmacists of either sex or from similar persons who, although perhaps not academically qualified, have nevertheless a pharmaceutical background. Successful candidates will be given a thorough training so that previous experience of representation is not essential. British Schering representatives are provided with cars and are eligible for the company's superannuation scheme. Applications, which will be treated in strict confidence, should state age, qualifications, experience and salary required and be accompanied by a recent photograph. They should be addressed to the Home Sales Manager, British Schering Limited, 167/169 Great Portland Street, London, W.1.

CHEMICAL MANUFACTURERS, North-West Coast; development chemist. A young pharmacist (preferably with one or two years' experience in cosmetic or allied industry), is required by chemical manufacturers on N.W. Coast, for development work in connection with evaluation and use of wide range of modern organic chemicals, for use in pharmaceuticals, cosmetics and foodstuffs. Good opportunity for suitable applicant with initiative. Apply with full particulars, to Box 6/651.

CHEMIST (commercial) wanted at once for cosmetics. Write, phone or call stating age, experience and salary required, Shavex Zee-kol Co., Ltd., 40 Bavaria Road, N.19 Archway 3596.

CHIEF CONTROL CHEMIST wanted by pharmaceutical and cosmetic laboratories, experienced in analytical control of raw materials and products essential. Should be at least B.Sc.—F.R.I.C. (Branch E) advantageous. Initial salary not less than £800 per annum. Pension scheme; 5-day week. Applications to Production Manager, William R. Warner & Co., Ltd., Power Road, Chiswick, W.4.

DISTRICT REPRESENTATIVES wanted on a commission basis by the makers of a well-introduced brand of electric pads and blankets to call on chemists, high-class retailers and stores. Please write, giving references, stating district covered and what other agencies held. Box 6/642.

EVANS MEDICAL SUPPLIES LTD. require several young pharmacists for dispensing and supervisory work. Salary according to qualifications and experience. Apply to The Manager, Evans Pharmaceutical Laboratories, 29 Fleet Street, Liverpool, 1.

EXPORT SALES CLERK, aged 20-26, with good mathematical ability and experience in pharmaceutical trade. Write, stating salary required, to Secretary, British Schering, Ltd., 167 Gt. Portland St., W.1.

INTERNATIONAL ORGANISATION operating in chemists and allied trades requires experienced executive as advertising and marketing manager. Several years advertising agency experience, together with a record of successful marketing of consumer products is essential. Age 35 to 45. Please do not apply unless you have had this experience and have earned £1,500 per annum. Full particulars should be given in first letter. Own staff have been advised of this announcement. Box No. CD 208, L.P.E., 110 St. Martin's Lane, W.C.2.

LONDON PHARMACEUTICAL HOUSE has cies for Medical/Trade Representatives South-Western Counties; (b) The Midlan North-Eastern Counties, residing in (a) (b) Birmingham; (c) Newcastle-on-Tyne. ceutical experience an advantage but not e Progressive salary and full expenses. Write in first instance to Box A/5.

MANUFACTURING CHEMISTS (Liverpool) qualified pharmacist, preferably conversan manufacturer of tinctures, galenicals and em Apply, stating qualifications, experience and salary required, to Box 6/645.

OLD-ESTABLISHED manufacturing house with veterinary connections require the services representatives with previous drug trade ar resentative experience to call on veterina geons in the following territories: (1) South Gloucestershire, Hereford and South-west ties; (2) North Wales, Lancashire, East an Riding, Lincoln and part Midlands. Salary mission and expenses. Applicants, who sho side in the territories and preferably owners, should send full details of age, tion and previous experience together with ences to Box A/323.

PERFUMES AND COSMETICS. Zenobia, Lt quire representatives for South-Eastern te including part outer London. Established tion and own car an advantage. Salary, e allowance and commission. Position is per and offers good scope for young and pro salesmen. Pension and free life assurance. cants should give full particulars of experien other useful information, to Zenobia, Ltd., borough, Leicestershire.

PHARMACIST required to supervise manufac old-established company producing medicina tal and toilet products. Ability for hard Admirable opportunity for young chemis qualified. 5-day week. State salary require A/346.

REPRESENTATIVE required for well-esta wholesale chemists and druggists sundr (proprietaries, etc.) to take over existin accounts in London. Salary and commission. prospects for right man. Reply in confidenc full particulars to Box A/354.

REPRESENTATIVE required for Bedfordshire fordshire, Berkshire, Buckinghamshire, He shire and Middlesex by well-known manufa of proprietary toilet articles. Must have liv nection with wholesale and retail chemists, C stores and hairdressers. Remuneration on su tial commission basis. Apply, giving age a perience, to Box 6/650.

REPRESENTATIVES with good connections an chemists wanted in all parts of the country two new medicinal products with big sales pects, helped by medical and public adver Generous commission, or part expenses and mission, terms. Box 6/661.

REPRESENTATIVES required by reputable ph ceutical house to detail medical and dental fessions for Eastern Scottish territory; also cashire and London, Surrey, Devon and Co (applicant for London, Surrey, etc., must in Surrey). Applicants must have had simil perience. Write, giving age, details of exper and salary required, to Box A/350.

REPRESENTATIVE required calling on doctor chemists in Essex and Sussex and doctors, ho and veterinary surgeons in North and North London. Middlesex, Hertfordshire, Buckin shire and Essex, for wholesale manufac house. Reply giving full details, experience, to Box A/7.

Situations Open—Continued

ENTATIVE with first-class selling experience drug and galenical field is required by well-ed firm of manufacturing chemists in the of England. The position offers excellent s. Remuneration, based on salary and com-will be around the four figure mark with es, expenses, etc., in addition. Replies should state if car owner) will be treated t confidence and should be addressed to rector, Box A/324.

ENTATIVES required by ethical pharmaceu-use for three areas, Lancs, South Wales and untry. Must be thoroughly experienced in on medical profession and have established on with chemists. Salary, expenses and ion. Only first-class men should apply. l details of age, experience and salary re-to Box A/332.

AN REQUIRED to cover Surrey, Kent, Bucks and Berks, for the sale of well-intro-having creams, soap, etc., on salary, car e and commision basis. Apply in writing, Products, 6 Ludgate Circus Bldgs., Lon-C.4.

PHARMACIST

gently required for service with large indust-ncern operating in the Middle East. Large ls and staff of British M.O's and Sisters. erable dispensing for hospital and outpatient Applicants must hold M.P.S and be not over ractive salary plus generous allowance in local cy. Free passage out and home, medical atten-kit allowance ; Pension Scheme ; good leave ements. Write giving age and full details of ations and experience quoting Dept. F.94 to Box 2278 at 191 Gresham House, E.C.2

COATER. Urgently required—a capable l pill and tablet coater to take charge of ent dealing with plain and coloured work, area, 5-day week. Apply, giving age, ex-, and salary required, Box A/349.

MAKER. A thoroughly experienced tablet required by a well-known London house study foreman with a view to succession rite, giving details of experience, age, and quired, Box A/348.

LER calling on chemists wanted to carry ional line on a comm. basis. N. Wales, Lancs., Yorks. Box 6/654.

SALE manufacturing chemists, London, excellent opening for a young pharma-act as representative. Good opportunity rprising and hard working man. Send ticulars including age, experience, salary to Box A/340.

MANAGER. Chemist required to control ture established ethical preparations and lytical control raw materials. Kent (20 London Bridge). Write in confidence, ull particulars. Indicate salary required. 46.

LADY ASSISTANT wanted in well-known research laboratories. Previous experience d. Permanent post. Good opportunity for rson. Applicant state age, experience, and quired. Box 6/606.

MAN REQUIRED to run (under super-oilet requisites department of multiple con-s. Sound knowledge of trade and display eous. Box A. C. 43881 Samson Clarks, ortimer St., W.1.

WORKS PHARMACIST REQUIRED

by manufacturers of wide range of Pharmaceutical Products for their works situated in Yorkshire.

Applications stating age, past experience, salary required, etc., should be addressed Sales Director Box A/342.

SITUATIONS WANTED

18 words 3/- (minimum) then 1d. per word. Box 1/-

RETAIL (HOME)

DISPENSER, UNQUALIFIED, 30 years' experience, desires position in Bournemouth, or would act as manager under cover. Box 6/662.

LIVERPOOL. Unqualified dispenser (male), 15 years' experience, requires part-time employment, preferably evening work. Box 6/652.

M.P.S.I., English provincial and London experience, married, available September. Accommodation advantage. Box 6/630.

YOUNG LADY, certificated nurse, free of direction, desiring opportunity obtain Hall certificate, seeks position shortly London area. Box 6/665.

WHOLESALE

ADVERTISER, unqualified, having recently disposed of own business, desires position of trust in Midlands. Fully experienced in all branches of trade, wholesale or retail. Car owner. Box 6/640.

CHEMISTRY GRADUATE (23) desires post immediately as representative to company where hard work and ambition will be rewarded. Willing to undergo trial or training period for chance to start. Yorkshire preferred as have extensive knowledge of area and people. Box 6/647.

EXPORT AND SALES EXECUTIVE with nine years' commercial and technical (chemical) experience in India, 2 years in U.K. (export manager, essential oils and fine chemicals, etc.) 37 years old, several languages, studied chemistry, used to responsible position. Single, prepared to go overseas if required. Please indicate salary offered. Reply to Box 6/649.

KEEN SALESMAN wishes to contact established concern desirous of having representative resident in either Northern Ireland or S.W. England. Experience includes pharmacy management. Excellent references. Box 6/657.

SOUTH SCOTLAND. 4 Northern Counties, England. Gentleman, 40. 15 years' experience, calling on retail pharmacists, and wholesalers, in above area, and at present representing a really first-class house, wishes an additional agency. Only products of highest quality and merit considered. Commission basis. Box 6/638.

SOUTH-SOUTH-EASTERN COUNTIES. Experienced representative (M.P.S.), with excellent wholesale and retail chemists' accounts, desires appointment with go-ahead firm on salary and expenses—with or without commission. Own car. Particulars to "M.P.S.", 52 Beaconsfield Villas, Brighton.

AGENCIES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

AGENT REQUIRED for London area to sell well-established proprietary lines on commission basis only. Keen and active. Applicants should write with full particulars to Box A/351.

AGENTS with first-class connections with chemists, required to handle a popular six and eight exposure roll film. Attractive discounts and commission. The Panda Film Co. (Wholesale), Ltd., 12 Laings Corner, Mitcham, Surrey.

herwise stated, address all replies to Box Numbers c/o THE CHEMIST & DRUGGIST, 28, Essex St., London, W.C.2

Agencies—Continued

EXCLUSIVE TERRITORIES throughout U.K. for quick selling line offered to live agents and distributors with established connections hairdressers and chemists. Existing accounts handed over. Please give full particulars when replying. Box 6/666.

BUSINESS OPPORTUNITIES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

ADVERTISER has two proven remedies for colds and coughs. Excellent commercial possibilities. Anyone interested. Box 6/627.

MANUFACTURING CHEMISTS, about to introduce a new medicinal product of outstanding merit and large sales potential, wish to appoint reputable firm or firms to undertake national or regional selling and distribution, including medical and trade mailings. Box 6/660.

MANUFACTURING CHEMISTS have facilities and plant available for the manufacture and/or packing of domestic, industrial or toilet products. Bottle, powder and tube filling. Frank Macowal, Ltd., 30 Loughborough St., S.E.11. Reliance 3435.

SOUTH AFRICA. A well-known firm of distributors, mainly British chemist sundries, surgical requirements, toilet preparations, veterinary medicines, chemist sundries and general lines, with about 5,000 customers, wholesalers, retailers, hospitals, nursing homes, Government Departments, chemists, departmental stores, general dealers, etc. all over the Union of S. Africa the Rhodesias and surrounding countries wish to extend their business, for which purpose more capital is required. We offer the opportunity to manufacturers wishing to establish themselves quickly at little expense to take over or amalgamate with our organisation. Proprietor prepared to stay on. Alternatively partnership offered to enterprising manufacturing chemist, in a position to invest £10,000 or more on sound terms, to be agreed upon. Fullest details gladly supplied, counter propositions invited. British trade references available. Kindly write in first instance to Box 6/580.

FOR SALE

36 words 8/6 (minimum) then 3d. per word. Box 2/-

FOR SALE IN ONE LOT. 10 lb. Papain and 10 lb. Diastase. 10s. per lb. Must clear. Jasco, Ltd., 246 Bethnal Green Rd., London, E.2. Bis. 9434.

WANTED

36 words 8/6 (minimum) then 3d. per word. Box 2/-

SCHICK BLADES, any quantity. Please write stating quantities and terms to S. Levy, 20 Leather Lane, Holborn, E.C.1.

WANTED. Supplies of Propylene Glycol, NF. grade, U.S. material. Box 6/653.

WANTED. Surplus stocks from wholesale and retail chemists and sundriesmen, proprietary brands only. Please send samples and price lists; samples not required returned promptly. D. H. & Co., Ltd., 11 The Broadway, W.6.

WANTED, 200 x 1-oz. bottles, santonin crystals, B.P. August-September. Send offers to Box 6/644.

WANTED, large or small quantities of Brazilian peppermint oil, Brazilian menthol, aniseed oil, glycerine. Send offers to Box 6/643.

MISCELLANEOUS SALES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

ASPIRIN TABLETS, ex Government surplus stocks. About three million in bulk containers. Also other surplus stocks. Apply for offers to Box A/345.

BICARBONATE OF AMMONIA, B.P., 5 tons, in 2-cwt. steel drums available as surplus quirements; at present in store at Liverpoo offer secures. Write Box A/343.

FOR SALE. Aspirin tablets, B.P., by manufa chemists giving up business. 2s. 3d. per 1,00 other drugs, chemicals and essential oils. 1 application. Apply Box 6/656.

GLASSBLOWING, medical, scientific, and re by Hall Drysdale & Co., Ltd., 58 Commerc Wood Green, London, N.22. Phone: Bow 7221.

LATEST NOVELTY hot-water bottles (tedd cat, etc.); also full range standard sizes, double handle, etc., at keenest prices. L samples upon request. E. L. Grima, 29-31 Thames St., London, E.C.4.

REDUCED PRICE to clear surplus. Panak fi attractive cartons, 6 ex. 20 and 62 only. 1 per doz., plus postage. Gross lots, 18s. doz free. Guaranteed perfect. Cont. retail price Box 6/503.

STANDARD SACCHARIN TABLETS, 0.2 gr in packets of 100 tablets, boxed in 1-gro 1 to 5 gross at 56s. p. gross. 6 to 10 gross p. gross. All parcels sent free, registere express. C.W.O. only. Quotations for quantities by return. Tell Products, Ltd., Rosemont Rd., London, N.W.3.

PARTNERSHIPS

36 words 8/6 (minimum) then 3d. per word. B

PARTNERSHIP. Half share, £2,000, in old lished West London pharmacy. Congenial, pr concern. Full investigation. Write, M F.N.A.O., 68 Boileau Rd., S.W.13.

YOUNG, JUST QUALIFIED, offered partn congenial post; no capital; assured future f thusiastic, ambitious worker. Write brief in first letter, to Box 6/648.

SALE BY AUCTION

2/6 per line (12 lines=1"). Box 2/-

IMPORTANT SALE of a complete chemists fixtures and fittings of expensive type— supplied by S. Maw & Son in mahogany photographic equipment including Eastman Focus enlarger, Kodak 4-way printing m high class set Avery personal scales. Sale High Street, Newcastle, Staffs, on Thursd September at 11.30 a.m. Auctioneers Louis & Sons, F.A.I., Percy Street, Hanley, Sto Trent. Tel. 2373/4.

TRADE MARKS

36 words 17/6 (minimum) then 4d. per word. B

THE TRADE MARK No. 583618, consisting word "ANGIOXYL" and registered in resp a pancreatic extract was assigned on the 3rd A 1949, by Roussel Laboratories, Ltd., of Portland St., London, W.1, to Laboratori Proxytases Société Anonyme, of 97 Rue De rard, Paris, 6e, France, *without the goodwil business* in which it was then in use.

STOCKTAKING

QUIET AND ACCURATE workmanship. O years' practical experience. Detailed inve supplied to suit your individual requirements. own stock sheets priced. Terms moderate. Playfoot, 8 Aylward Rd., London, S.W.20. Liberty 4104.

Printed by The Haycock Press, Ltd., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.

OREXANE'

for Head-Lice

treatment of *pediculosis capitis* 'Lorexane'
rate has the advantage of being :—

OMICAL: The solution is diluted 1 to 4 with water before use.

CTIVE: Only one application is necessary.

SANT: Operator and patient appreciate its cleanliness and ease of handling.

From your wholesaler, or in case of difficulty apply to your nearest I.C.I. Sales Office: London, Dublin, Bristol, Manchester, Glasgow, Edinburgh, Belfast and Birmingham.

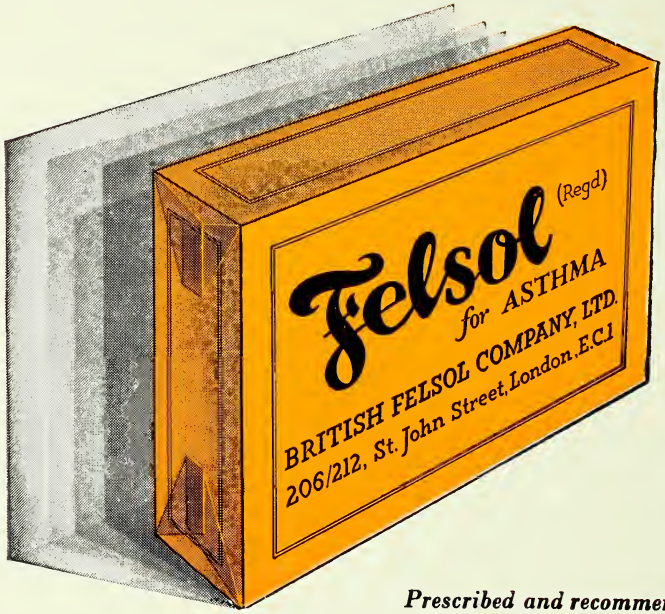
RIAL CHEMICAL (PHARMACEUTICALS) LTD.
ry company of Imperial Chemical Industries Ltd.) **WILMSLOW, MANCHESTER**

ICI

Ph.358

The CHEMIST AND DRUGGIST
AUGUST 27, 1949

The ethical medical preparation for the treatment of Asthma



Prescribed and recommended by the Medical Profession in Hospitals, Private Practice and Government Departments throughout the world—

P.A.T.A.

BRITISH FELSOL COMPANY LTD.
WIGTON HOUSE, 206-212 ST JOHN STREET, CLERKENWELL, LONDON, E.C.1.
Telephone, CLErkenwell 5862 Cables, 'Felsol', Smith, London.